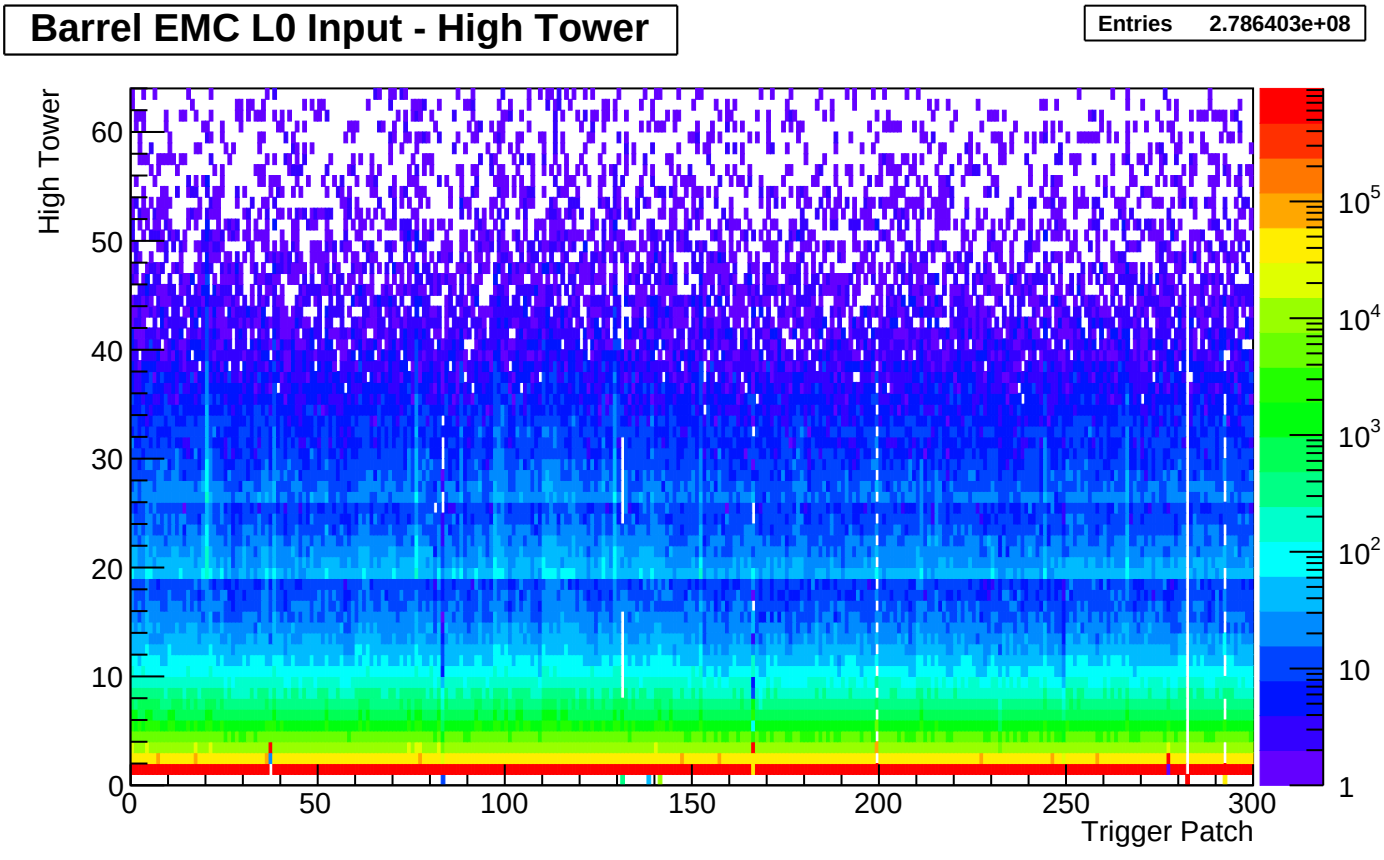
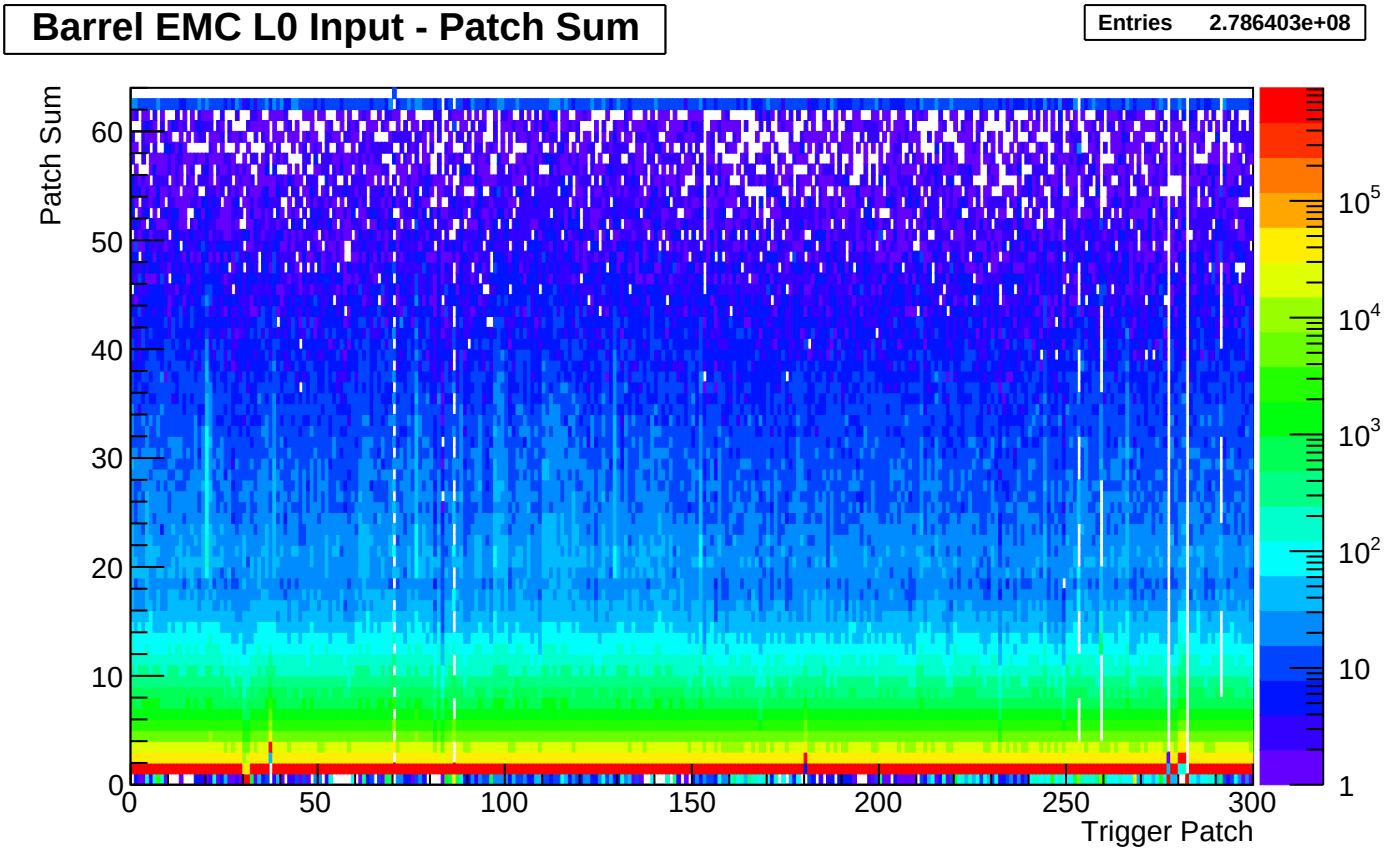
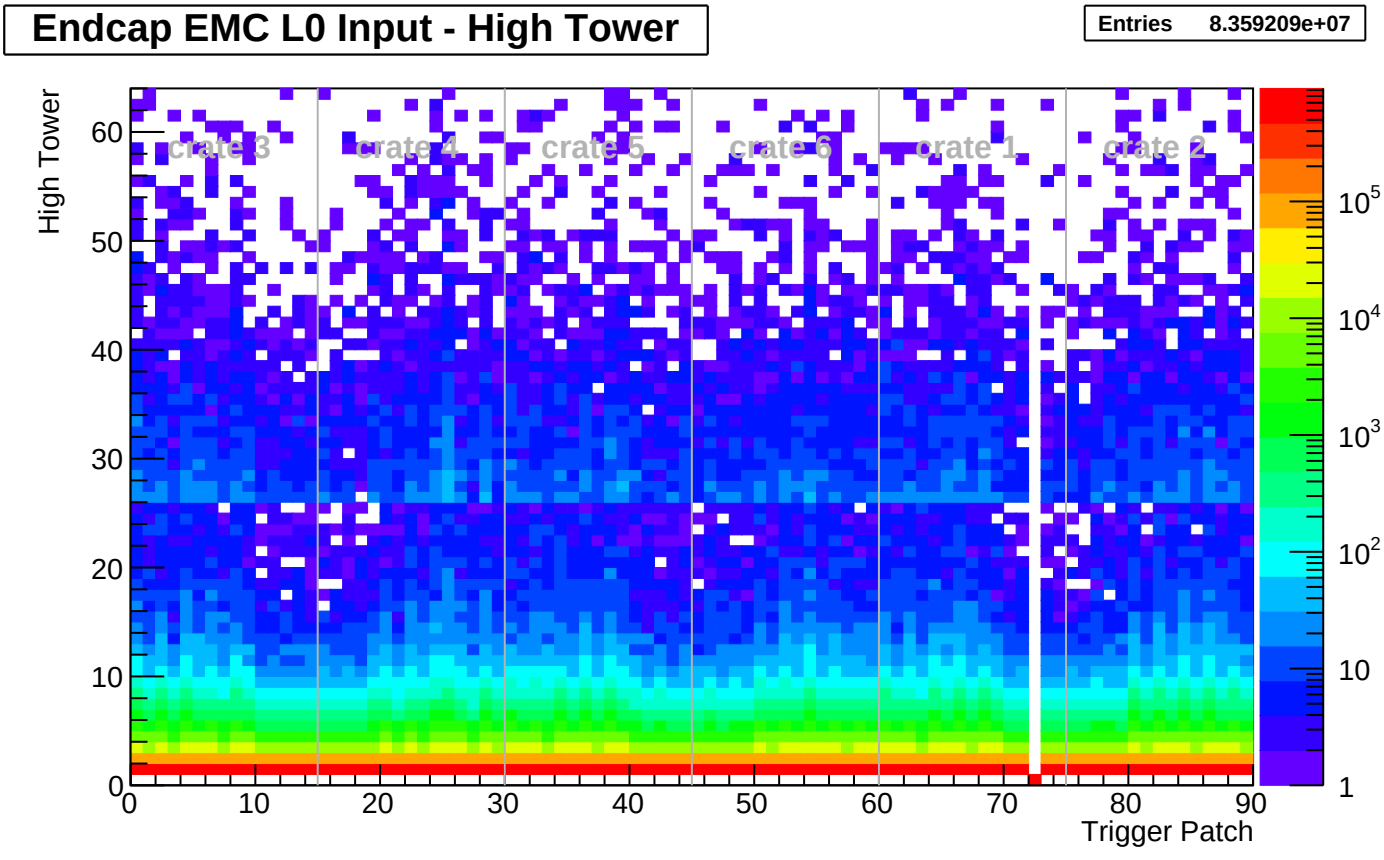
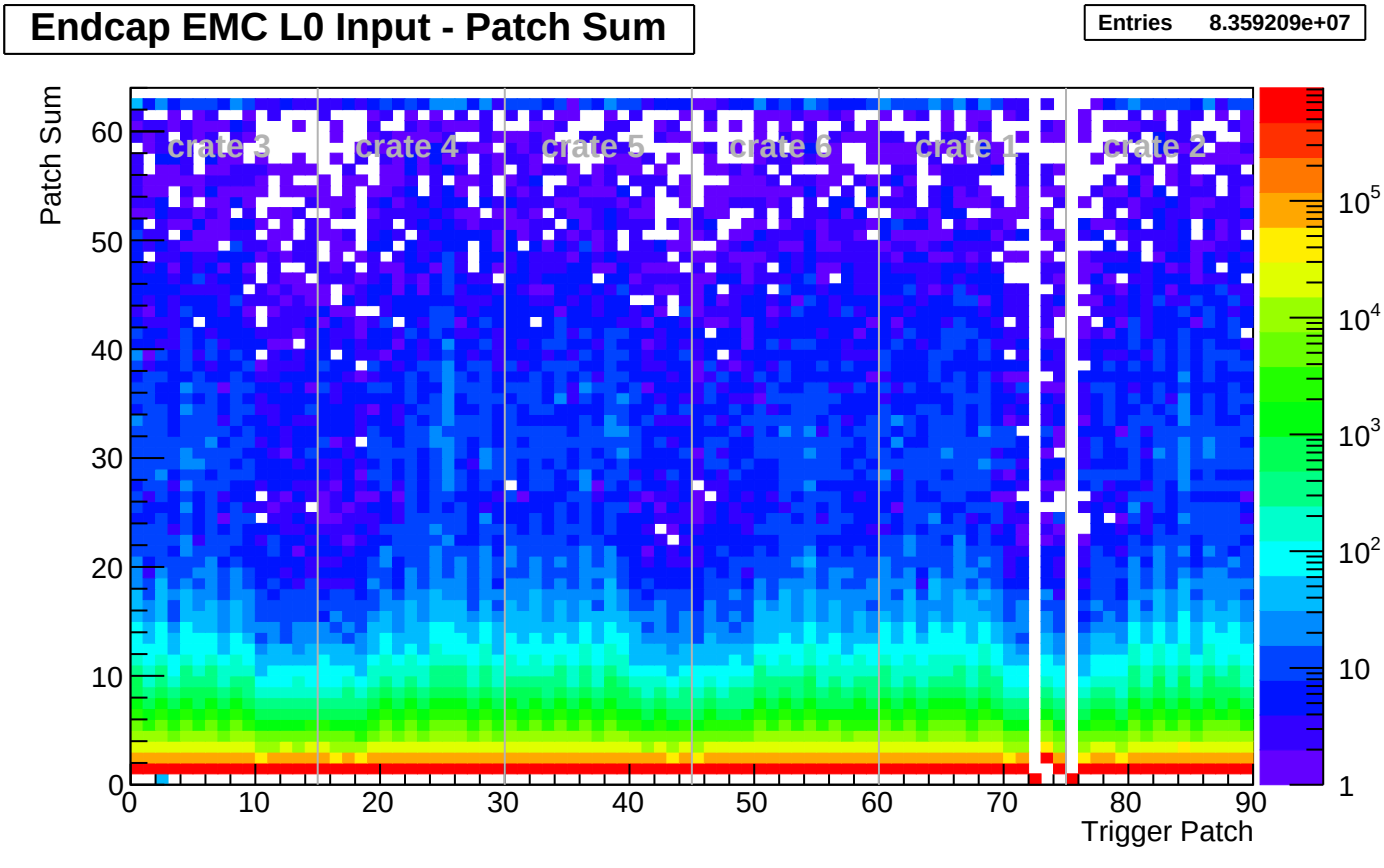
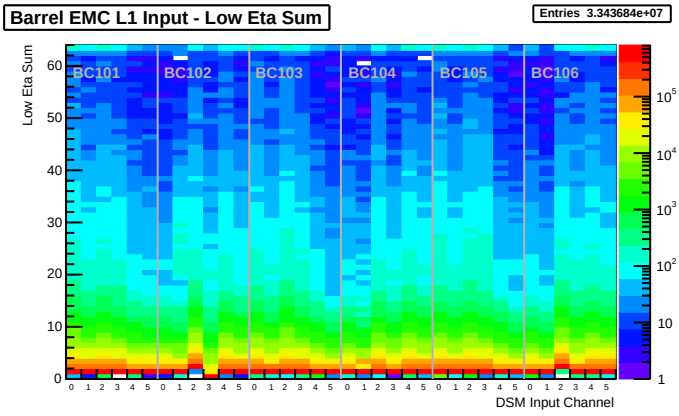
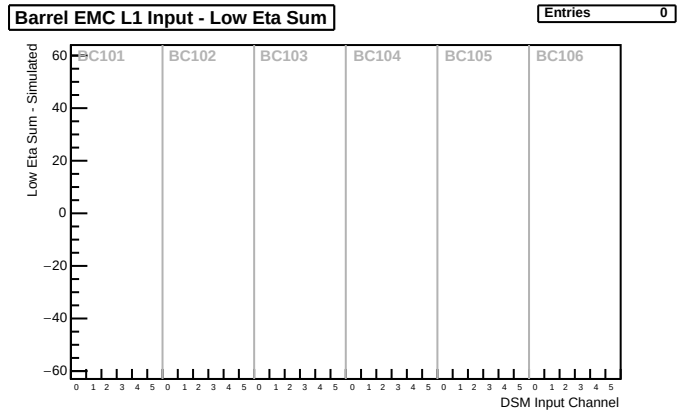

Barrel EMC L0 Input - High Tower
Entries 2.786403e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

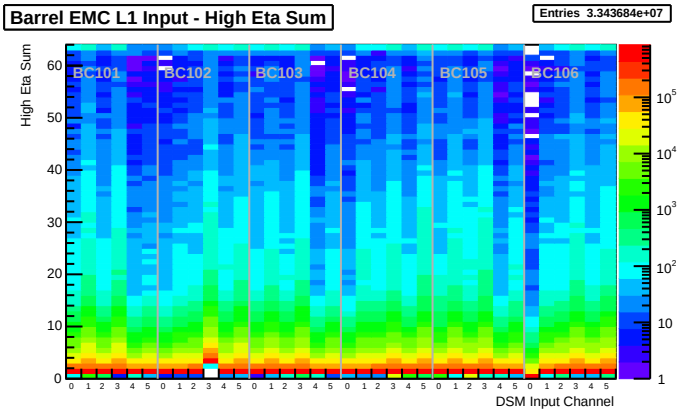

Barrel EMC L0 Input - Patch Sum
Entries 2.786403e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

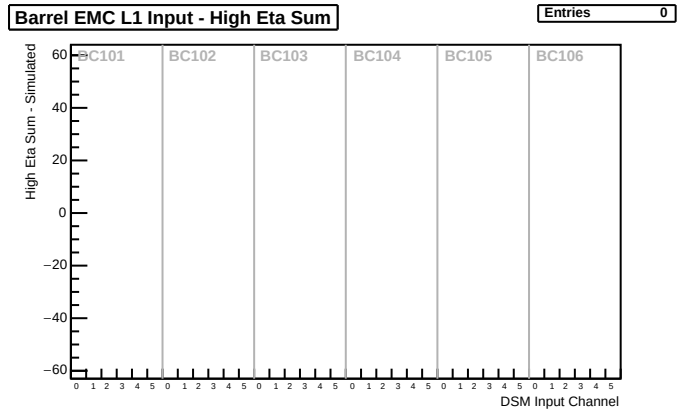

Endcap EMC L0 Input - High Tower
Entries 8.359209e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

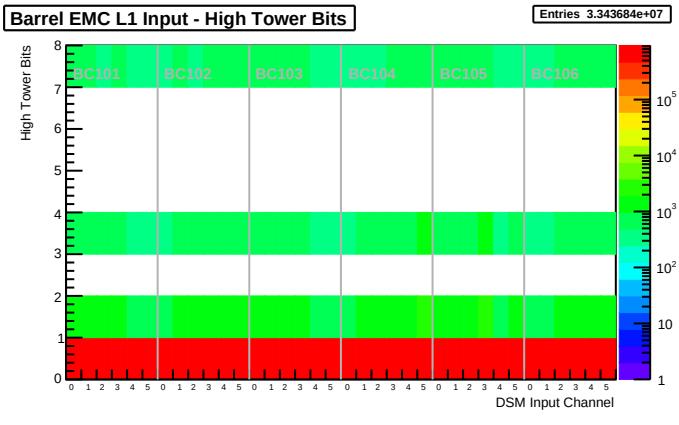

Endcap EMC L0 Input - Patch Sum
Entries 8.359209e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

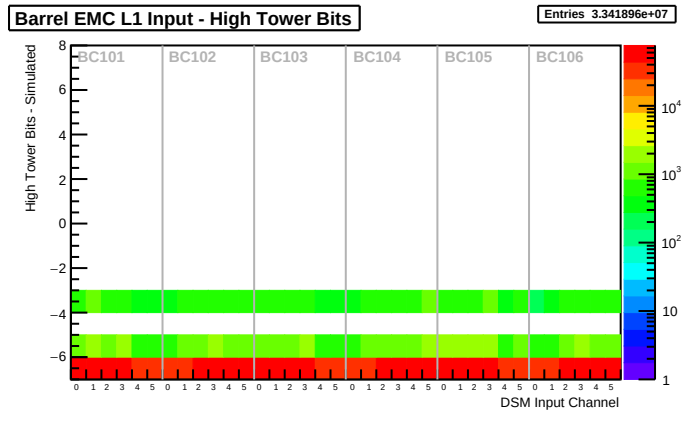

Barrel EMC L1 Input - Low Eta Sum
Entries 3.343684e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

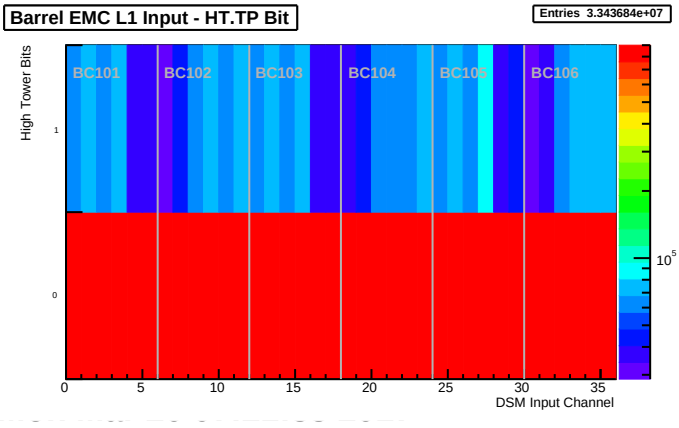

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

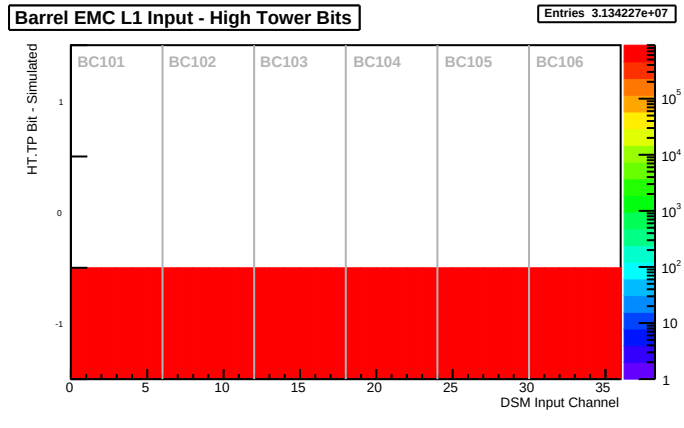

Barrel EMC L1 Input - High Eta Sum
Entries 3.343684e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

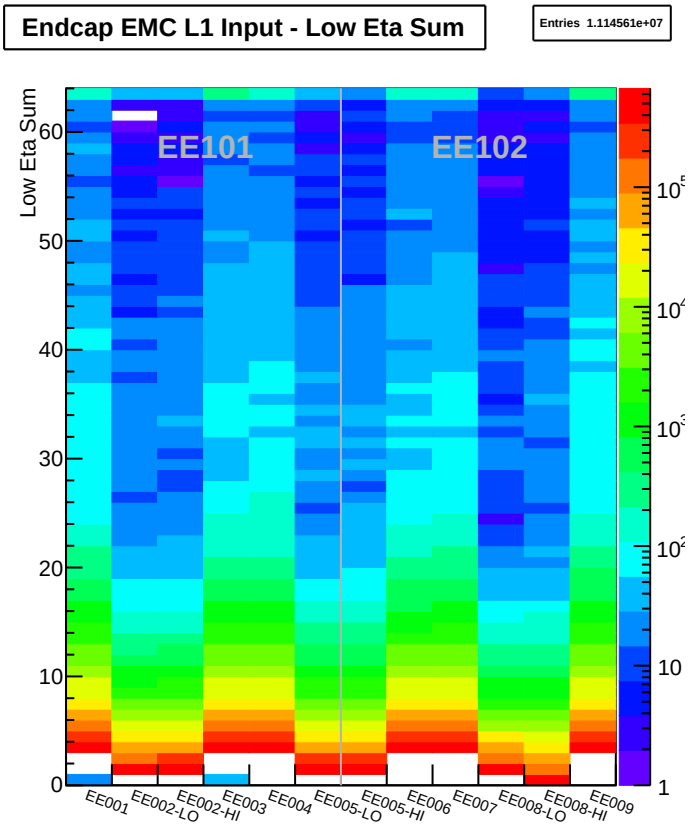

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

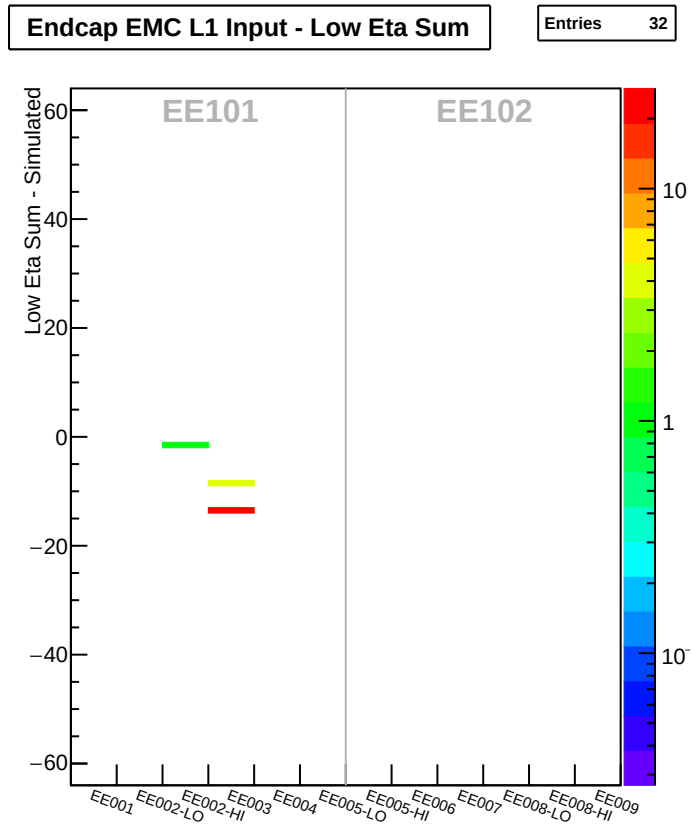

Barrel EMC L1 Input - High Tower Bits
Entries 3.343684e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

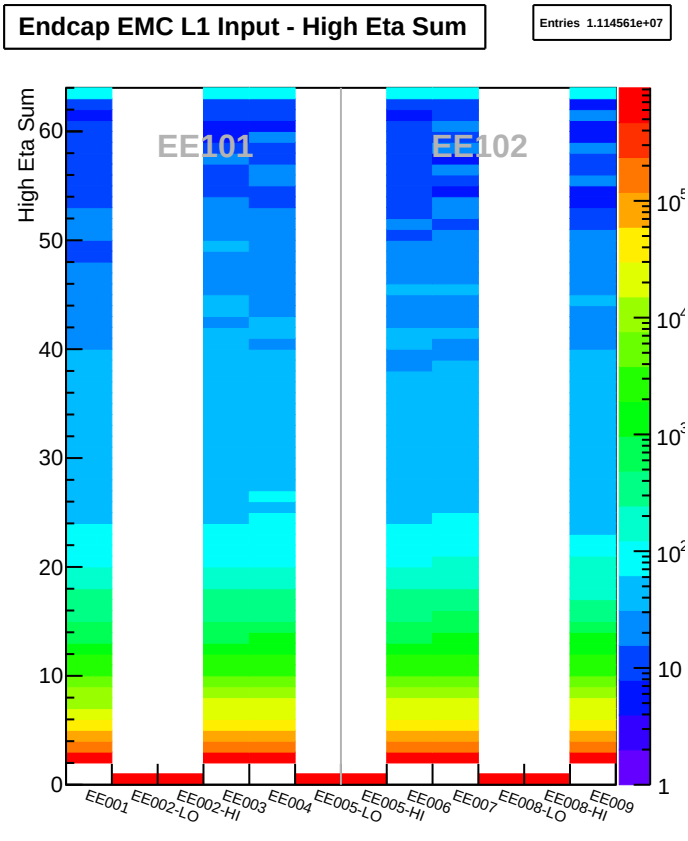

Barrel EMC L1 Input - High Tower Bits
Entries 3.341896e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

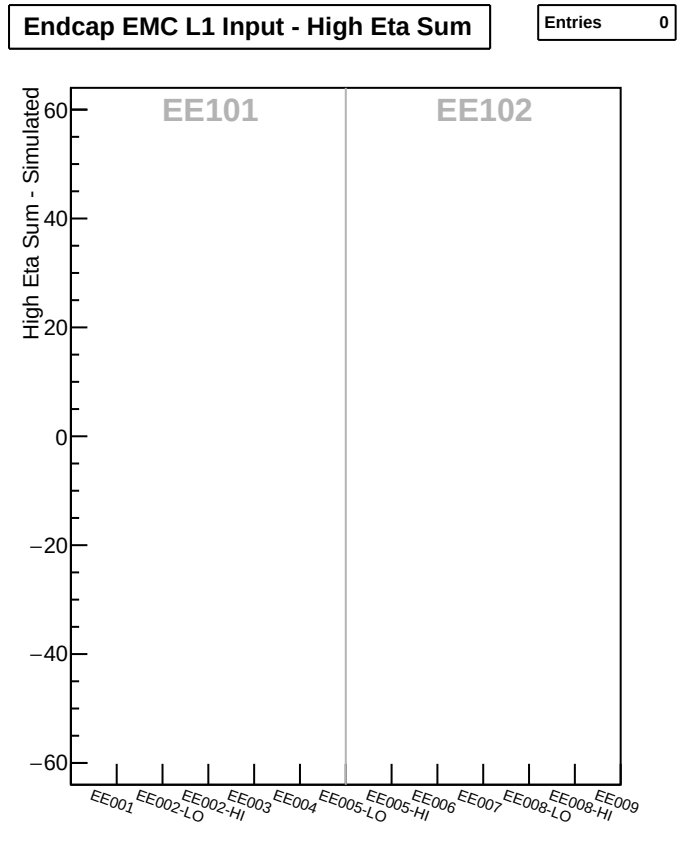

Barrel EMC L1 Input - HT.TP Bit
Entries 3.343684e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

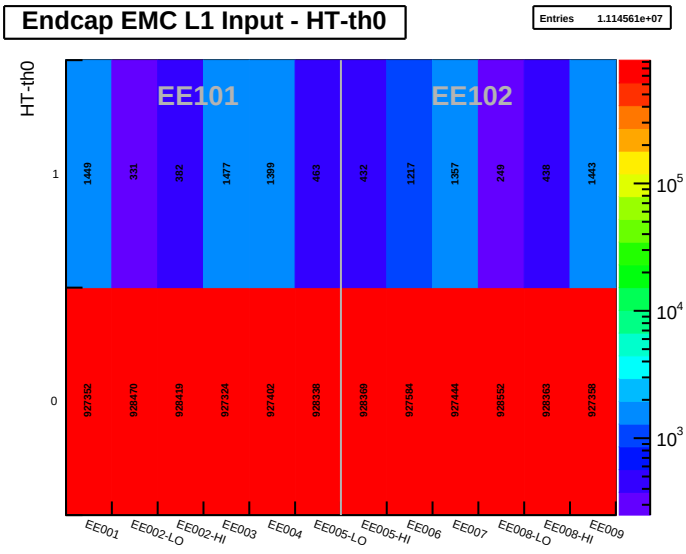

Barrel EMC L1 Input - High Tower Bits
Entries 3.134227e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

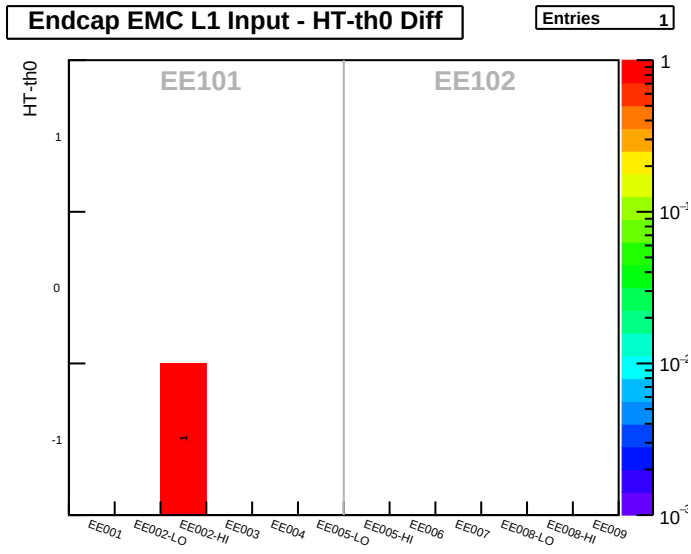

Endcap EMC L1 Input - Low Eta Sum
Entries 1.114561e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

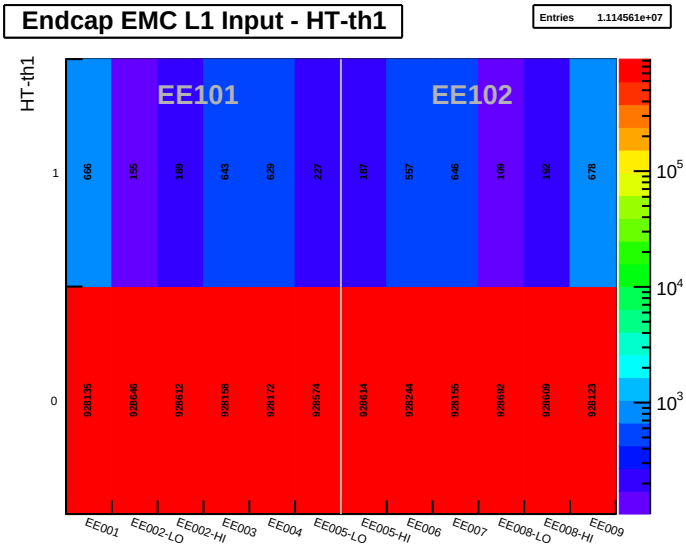

Endcap EMC L1 Input - Low Eta Sum
Entries 32
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

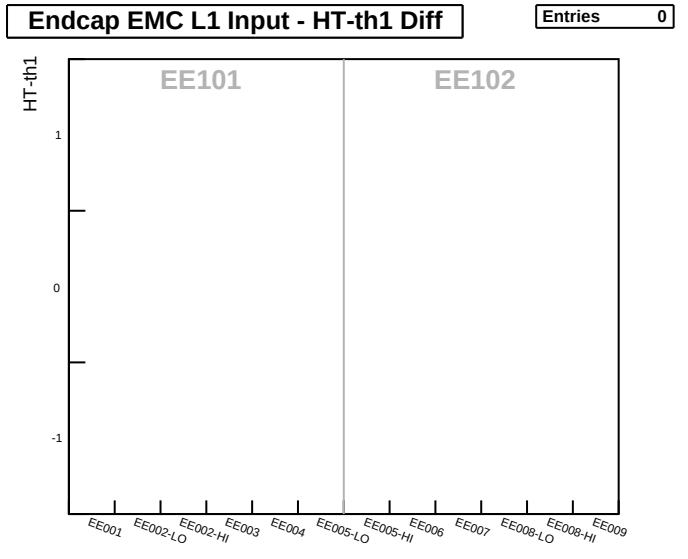

Endcap EMC L1 Input - High Eta Sum
Entries 1.114561e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

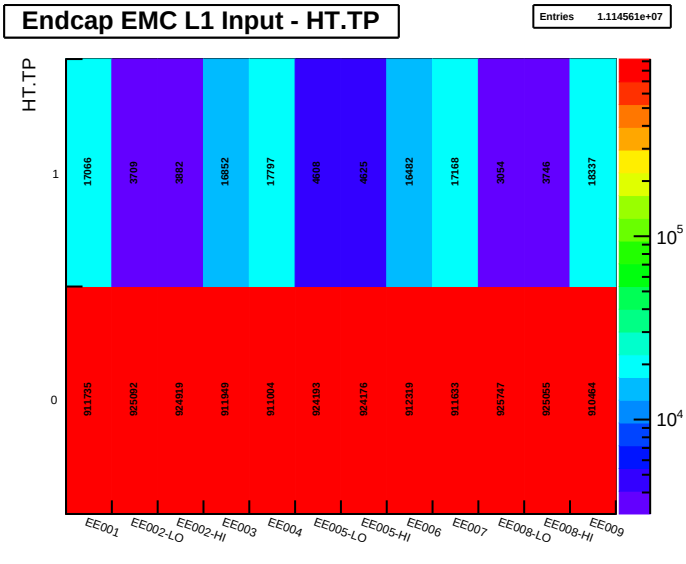

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

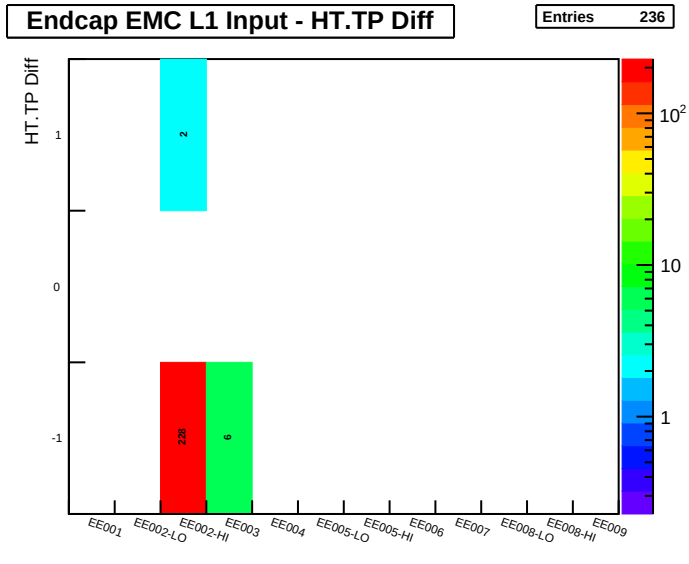

Endcap EMC L1 Input - HT-th0
Entries 1.114561e+07
HT-th0
EE101
EE102
1449 331 382 1477 1399 463 432 1217 1357 249 438 1443
927352 928470 928419 927324 927402 928338 928369 927584 927444 928552 928363 927358
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

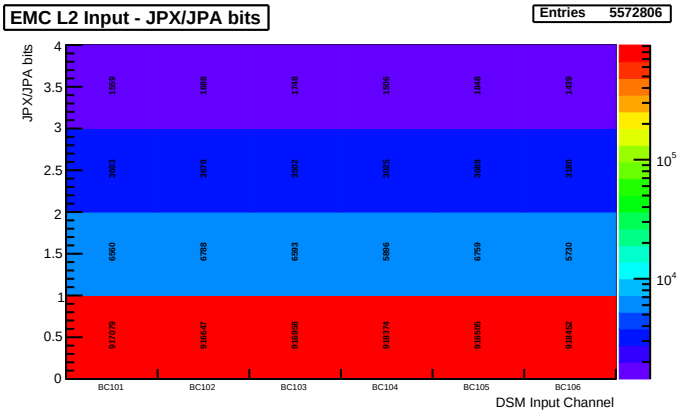

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

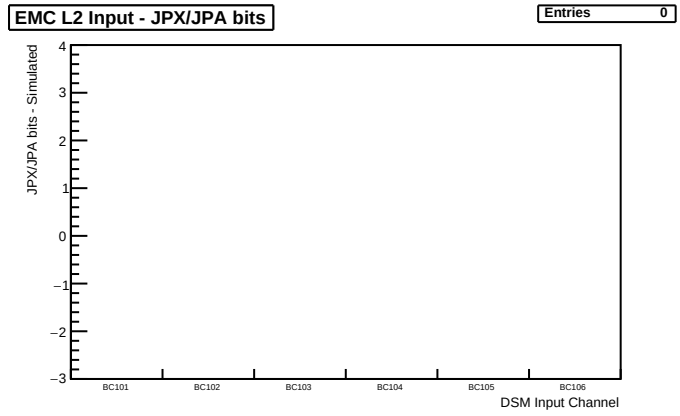

Endcap EMC L1 Input - HT-th1
Entries 1.114561e+07
HT-th1
EE101
EE102
666 155 189 643 629 227 187 557 646 109 192 678
928135 928646 928612 928158 928172 928574 928614 928244 928155 928692 928609 928123
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

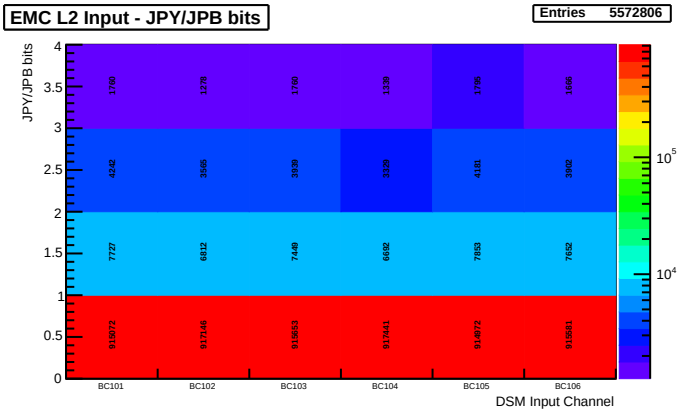

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

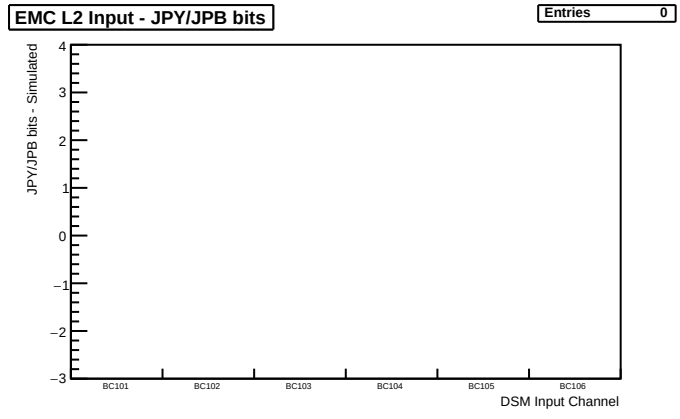

Endcap EMC L1 Input - HT.TP
Entries 1.114561e+07
HT.TP
17066 3709 3832 16852 17797 4608 4625 16482 17168 3054 3746 18337
911735 925092 924819 911949 911004 924193 924176 912319 911633 925747 925055 910464
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

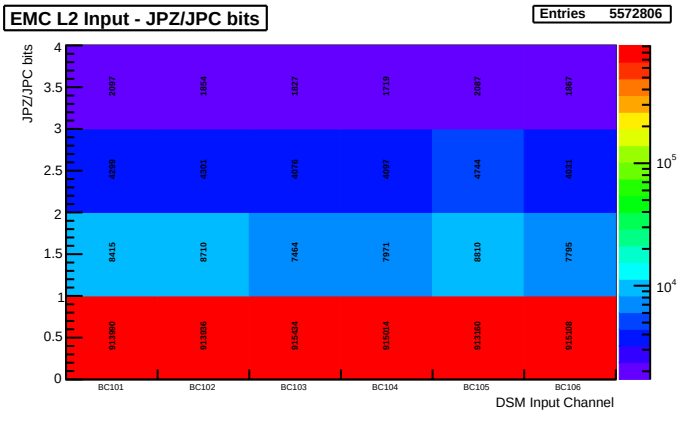

Endcap EMC L1 Input - HT.TP Diff
Entries 236
HT.TP Diff
2
228
6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

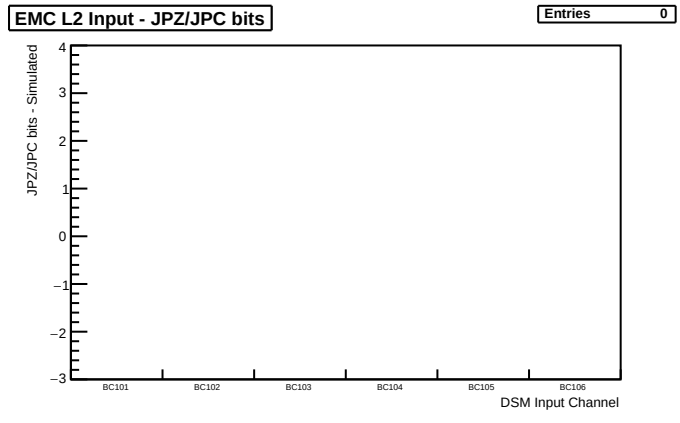

EMC L2 Input - JPX/JPA bits
Entries 5572806
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

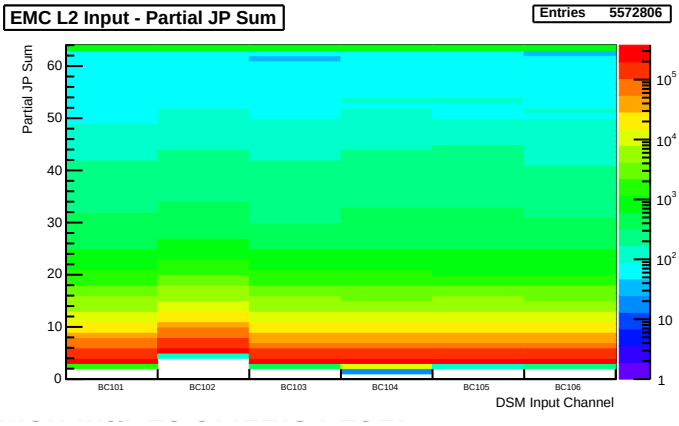

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

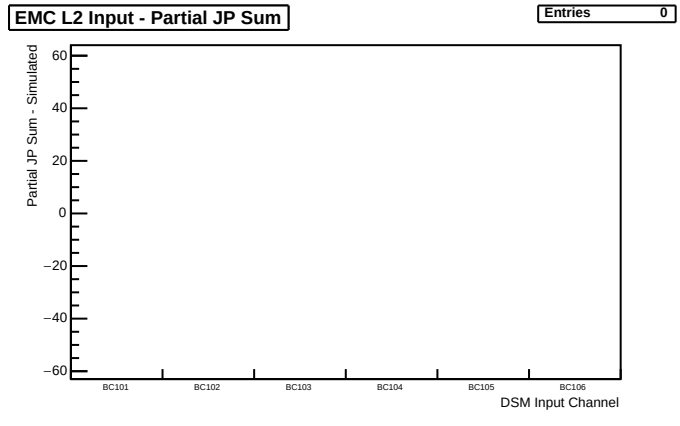

EMC L2 Input - JPY/JPB bits
Entries 5572806
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

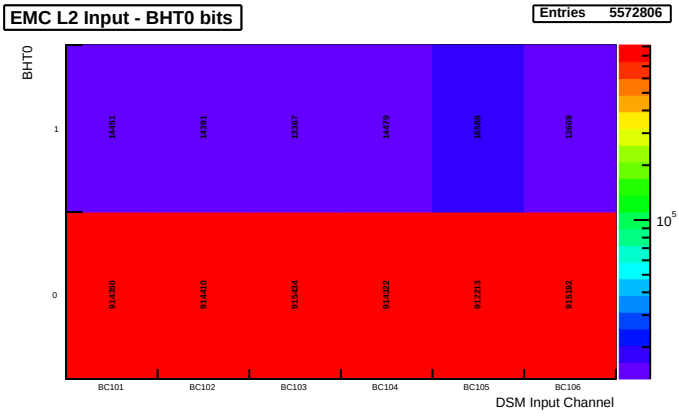

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

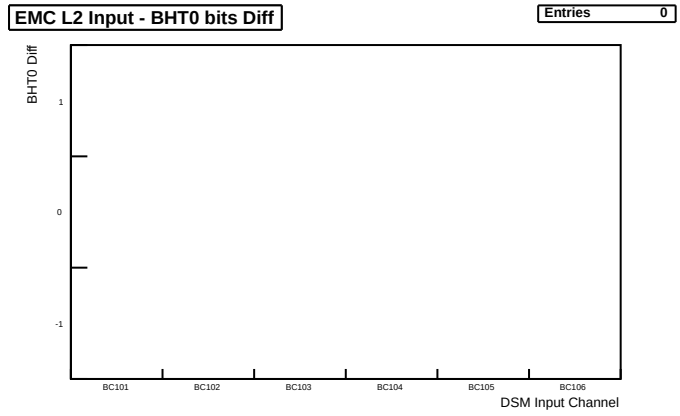

EMC L2 Input - JPZ/JPC bits
Entries 5572806
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

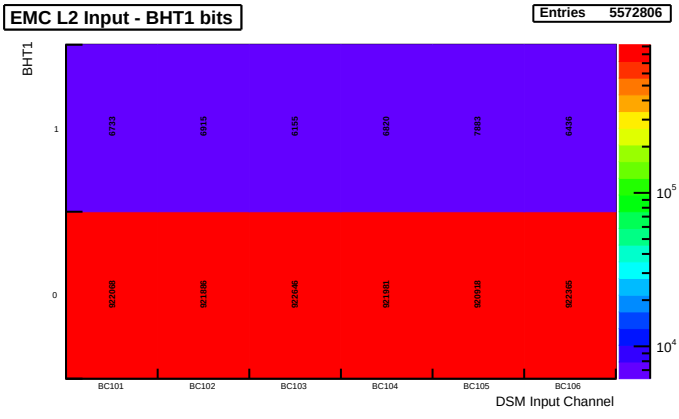

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

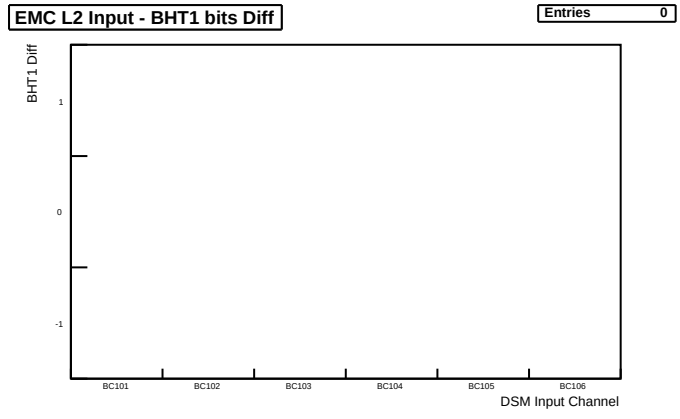

EMC L2 Input - Partial JP Sum
Entries 5572806
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

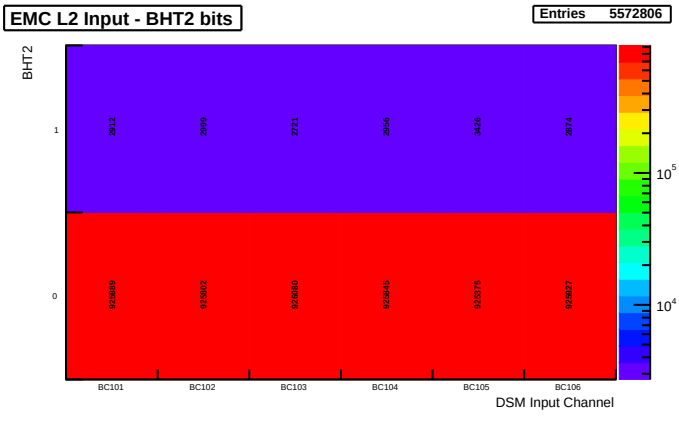

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

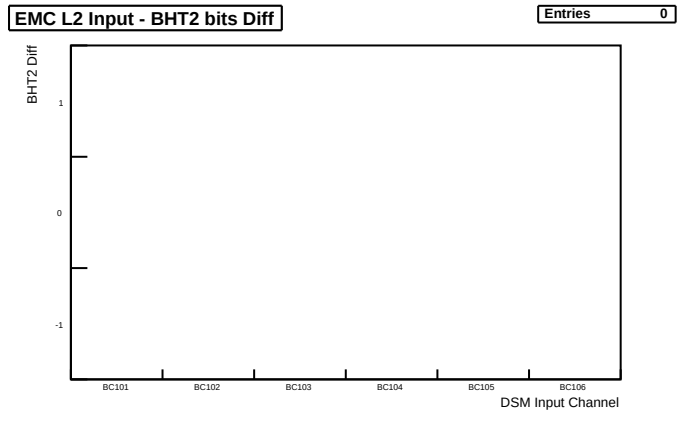

EMC L2 Input - BHT0 bits
Entries 5572806
BHT0
1
0
14451
14391
13567
14479
16538
13609
914350
914410
915434
914322
912213
915392
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

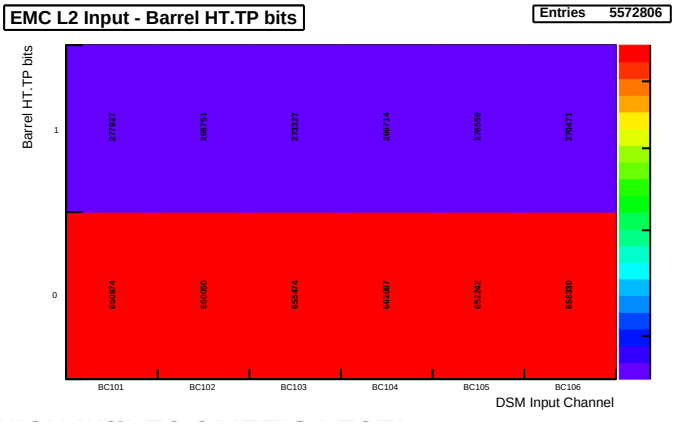

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

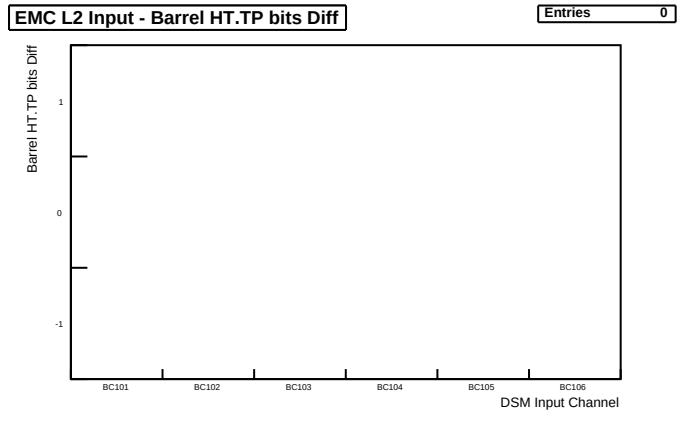

EMC L2 Input - BHT1 bits
Entries 5572806
BHT1
1
0
6733
6915
6155
6320
7883
6436
922068
921886
922646
921981
920918
922365
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

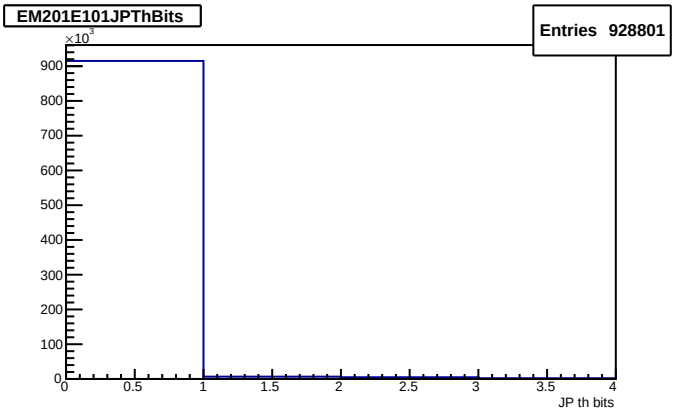

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

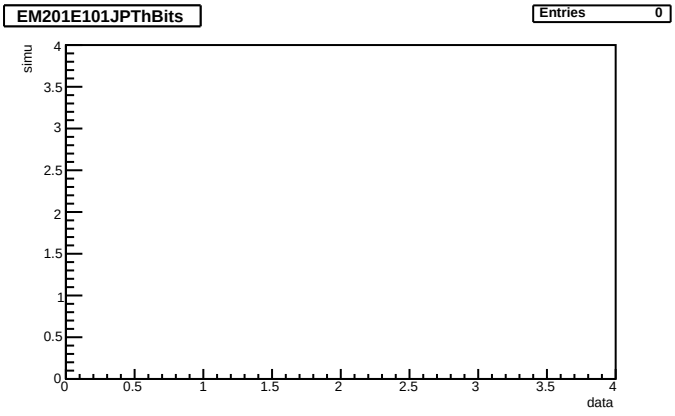

EMC L2 Input - BHT2 bits
Entries 5572806
BHT2
1
0
2912
2999
2721
2955
3426
2874
923889
923902
926080
923845
923375
923927
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

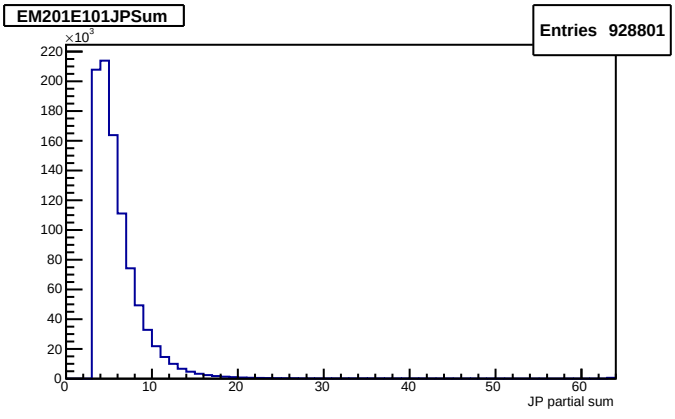

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

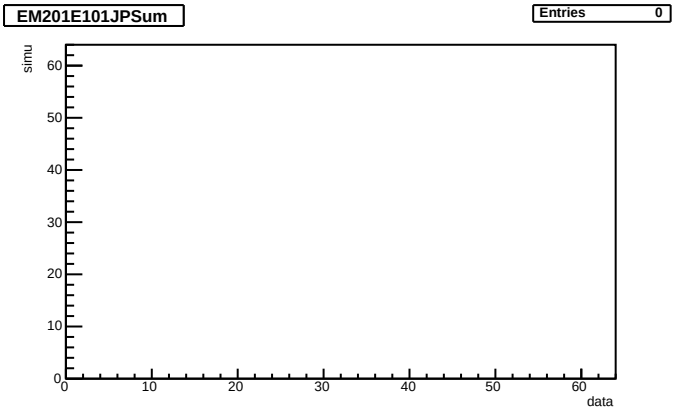

EMC L2 Input - Barrel HT.TP bits
Entries 5572806
Barrel HT.TP bits
1
0
277927
269751
273327
269714
276559
270471
650874
660569
655474
662687
652342
658330
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

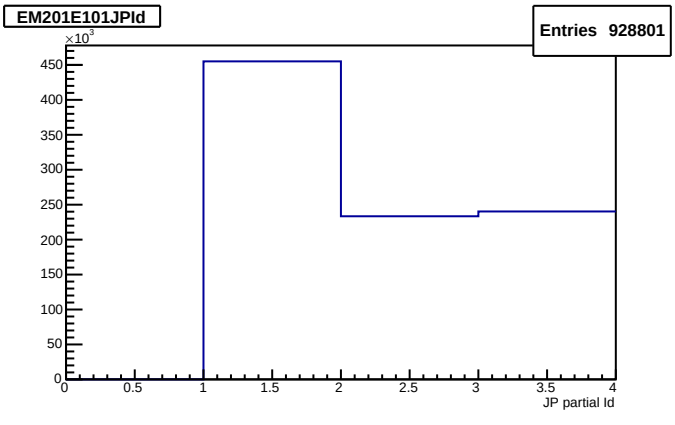

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

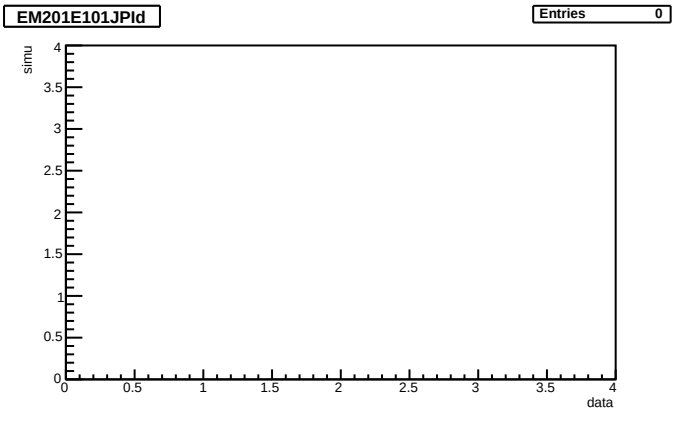

EM201E101JPThBits
Entries 928801
JP th bits

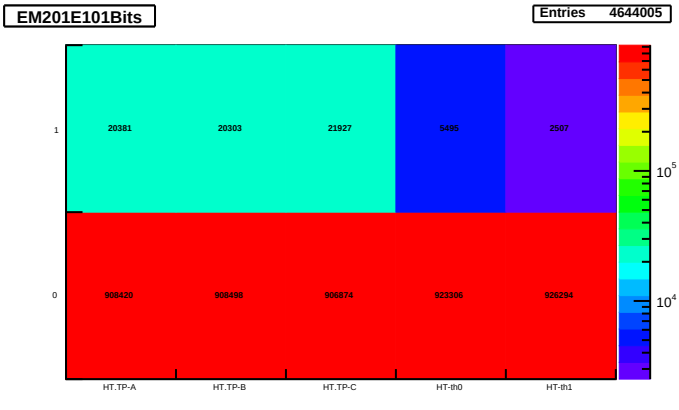

EM201E101JPThBits
Entries 0
simu
data

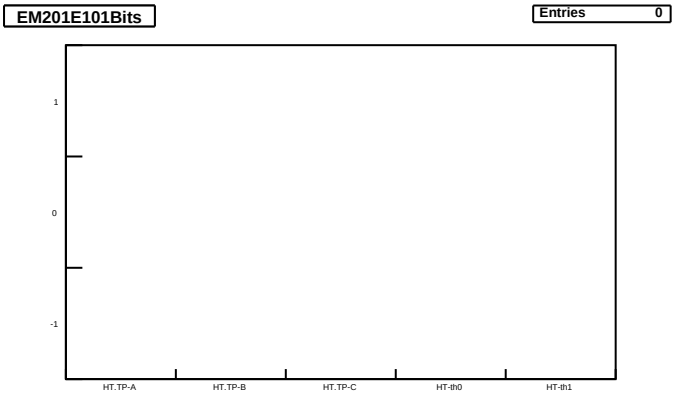

EM201E101JPSum
Entries 928801
JP partial sum

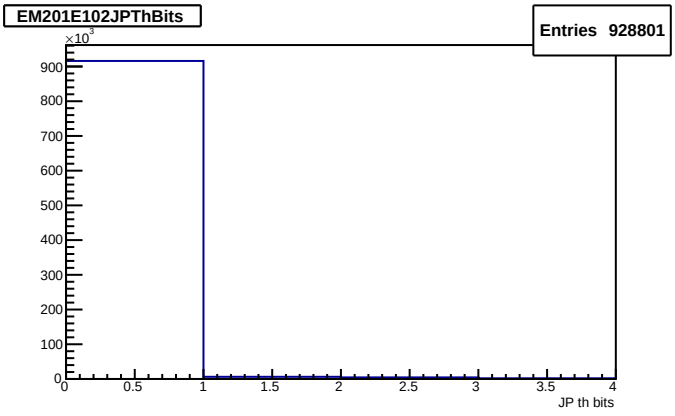

EM201E101JPSum
Entries 0
simu
data

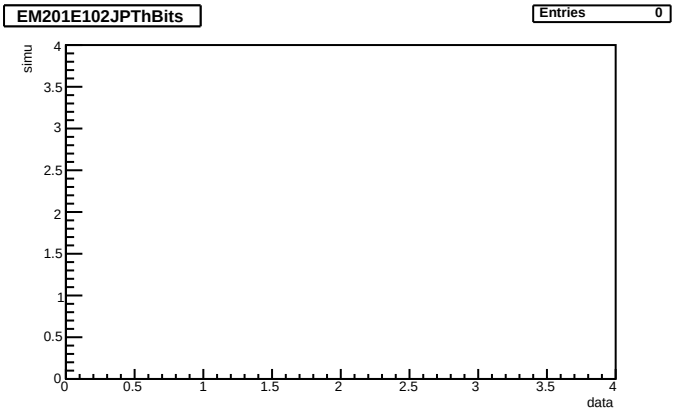

EM201E101JPId
Entries 928801
JP partial Id

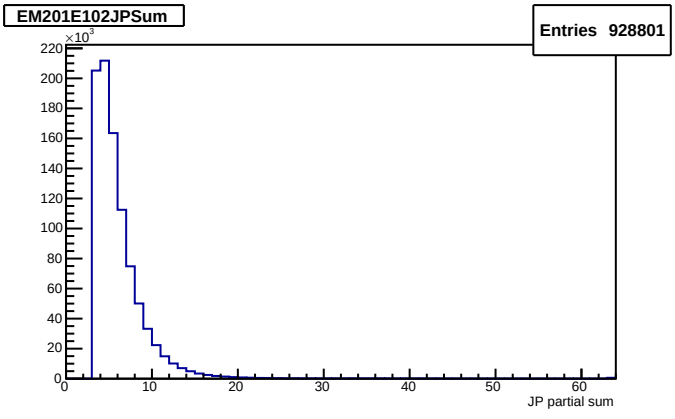

EM201E101JPId
Entries 0
simu
data

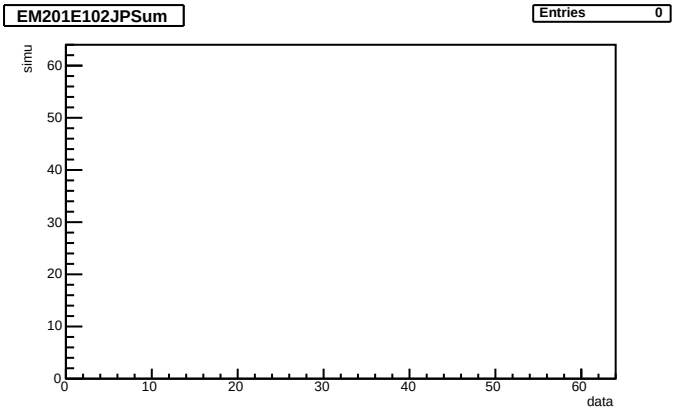

EM201E101Bits
Entries 4644005
20381
20303
21927
5495
2507
908420
908498
906874
923306
926294
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

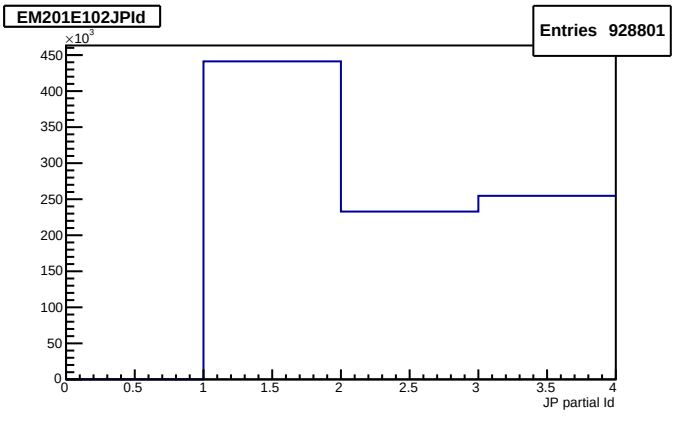

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

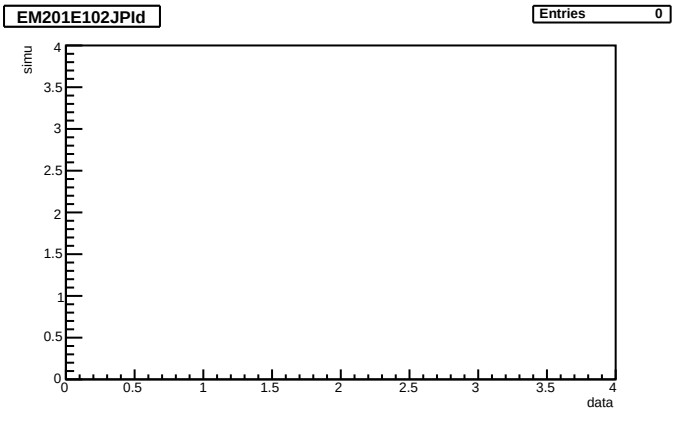

EM201E102JPThBits
Entries 928801
JP th bits

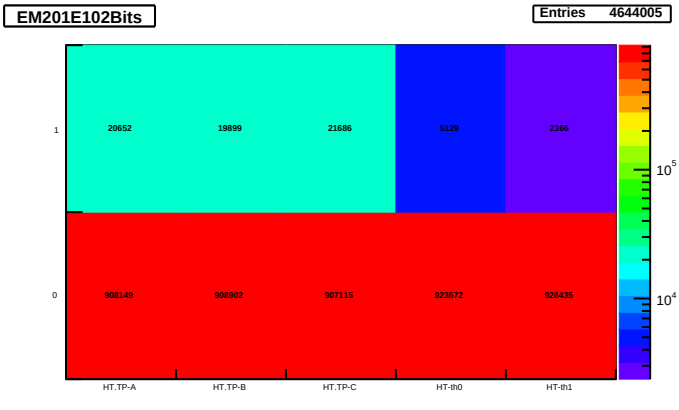

EM201E102JPThBits
Entries 0
simu
data

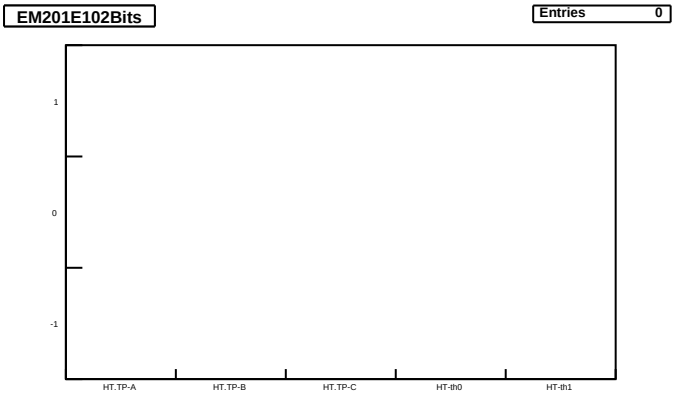

EM201E102JPSum
Entries 928801
JP partial sum

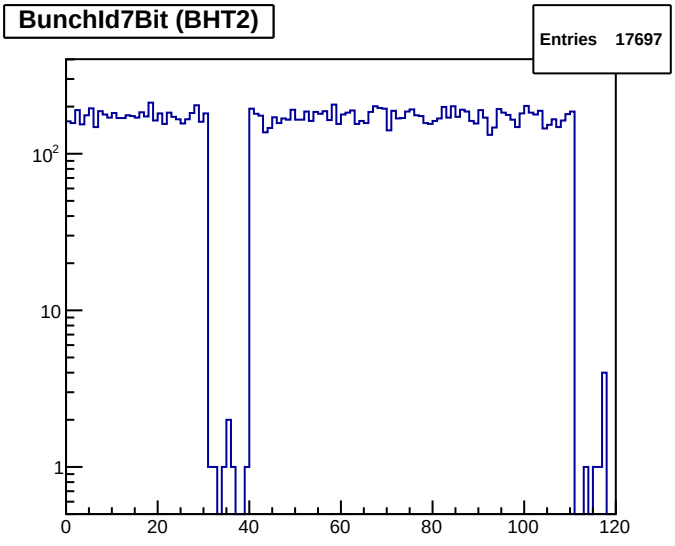

EM201E102JPSum
Entries 0
simu
data

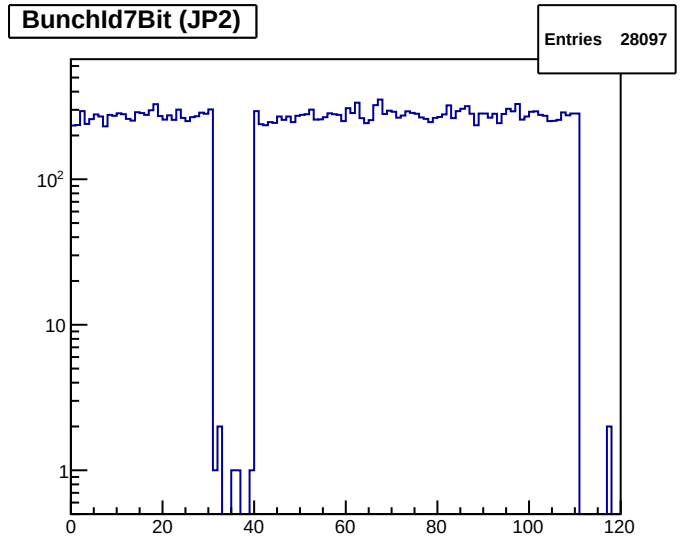

EM201E102JPId
Entries 928801
JP partial Id

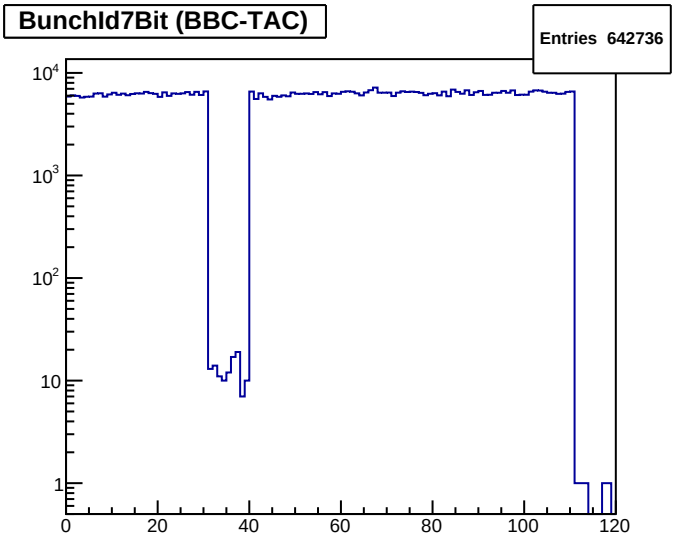

EM201E102JPId
Entries 0
simu
data

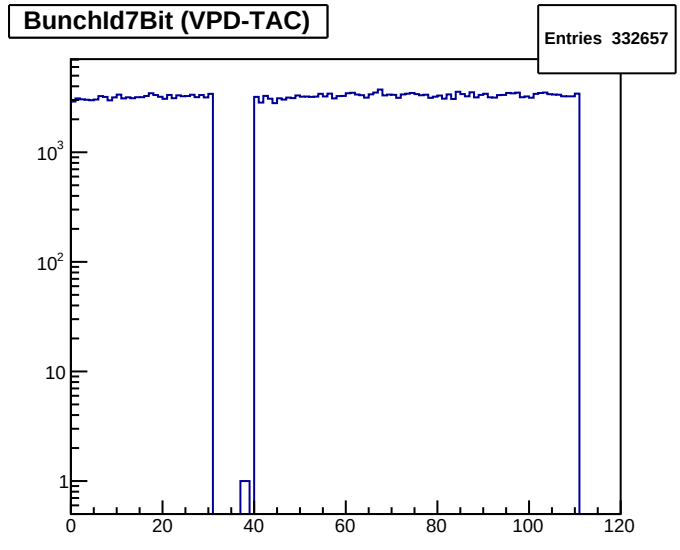

EM201E102Bits
Entries 4644005
20652
19899
21686
5123
2366
908149
908902
907115
923672
926435
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

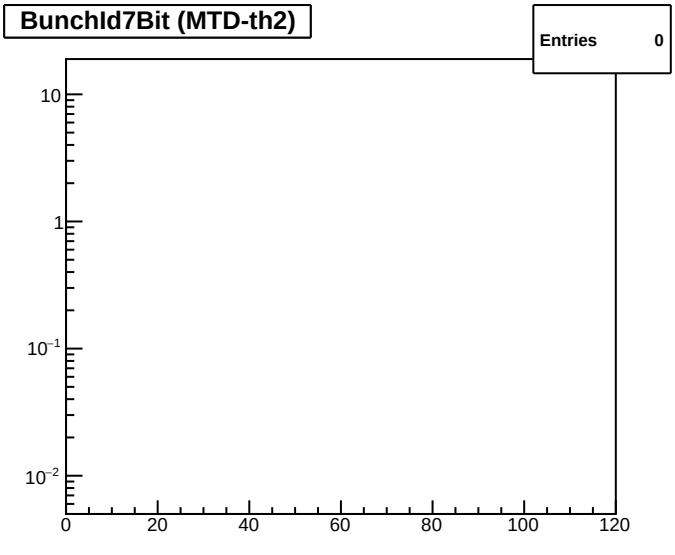

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

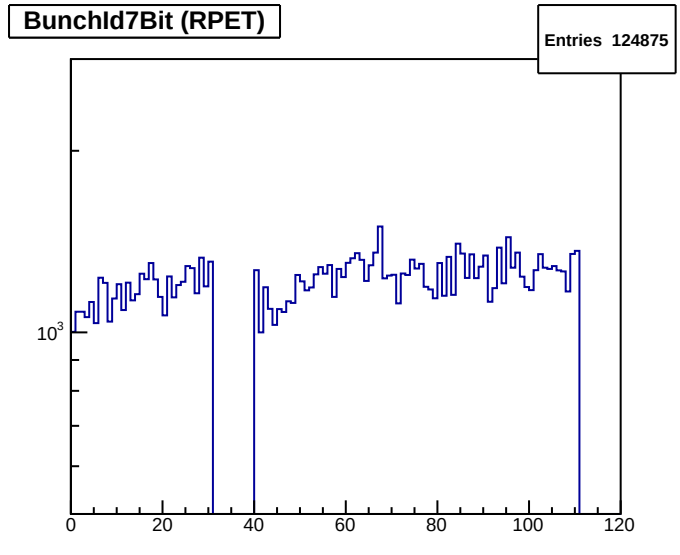

BunchId7Bit (BHT2)
Entries 17697

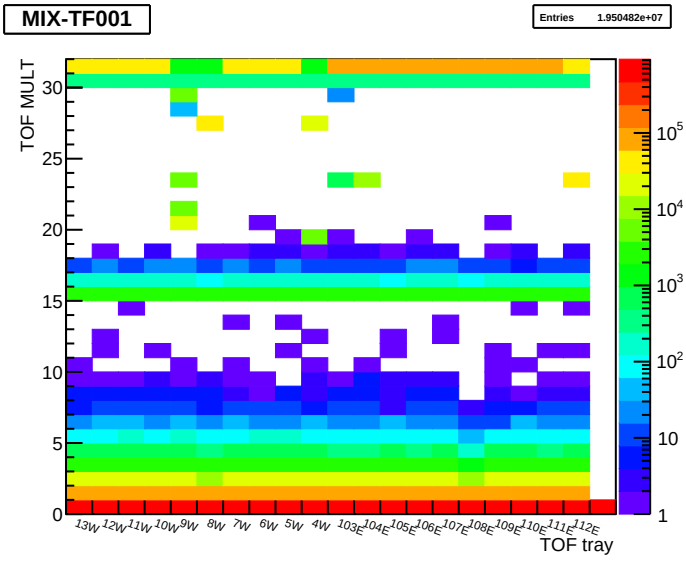

BunchId7Bit (JP2)
Entries 28097

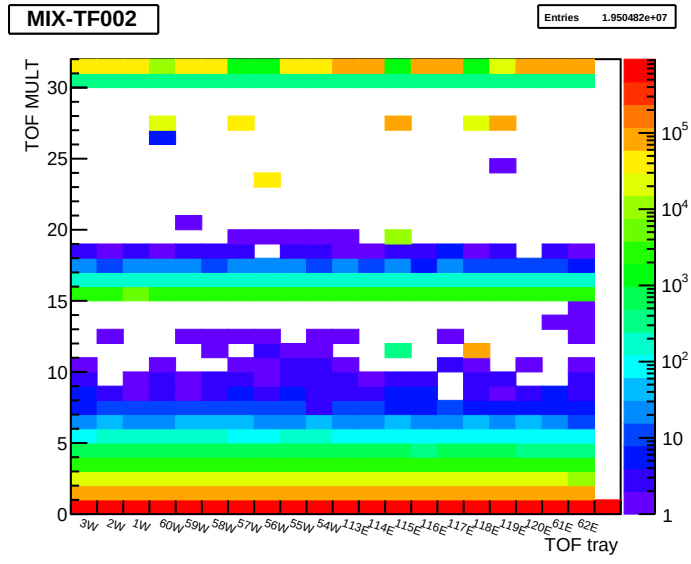

BunchId7Bit (BBC-TAC)
Entries 642736

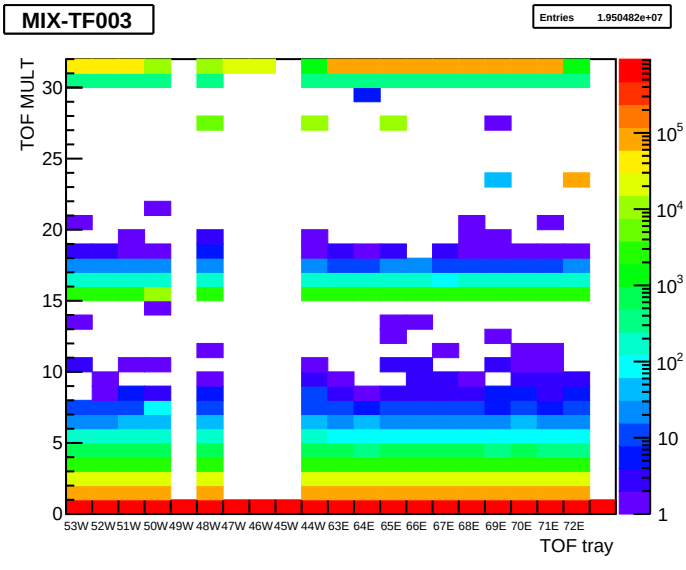

BunchId7Bit (VPD-TAC)
Entries 332657

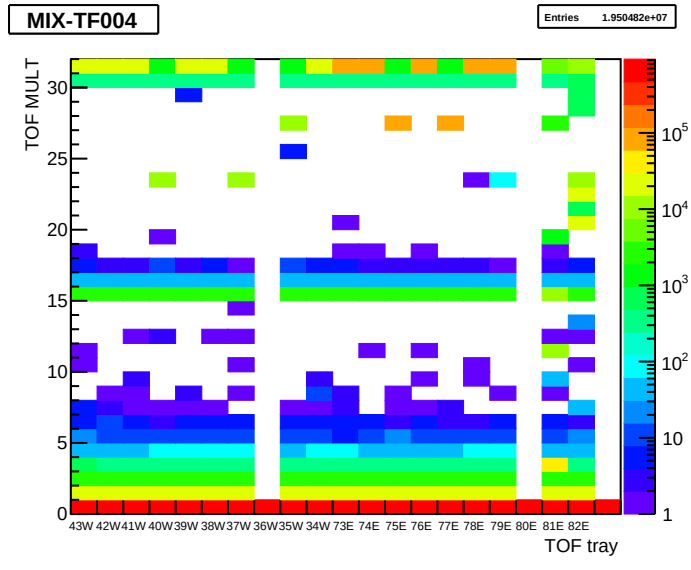

BunchId7Bit (MTD-th2)
Entries 0

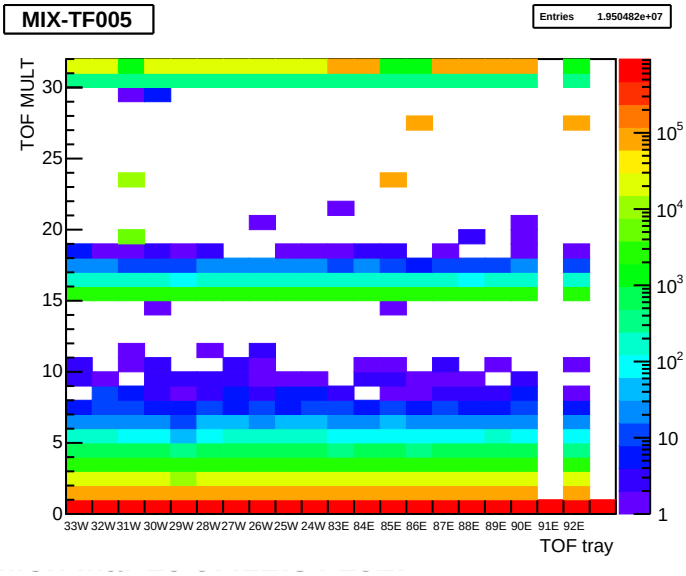

BunchId7Bit (RPET)
Entries 124875

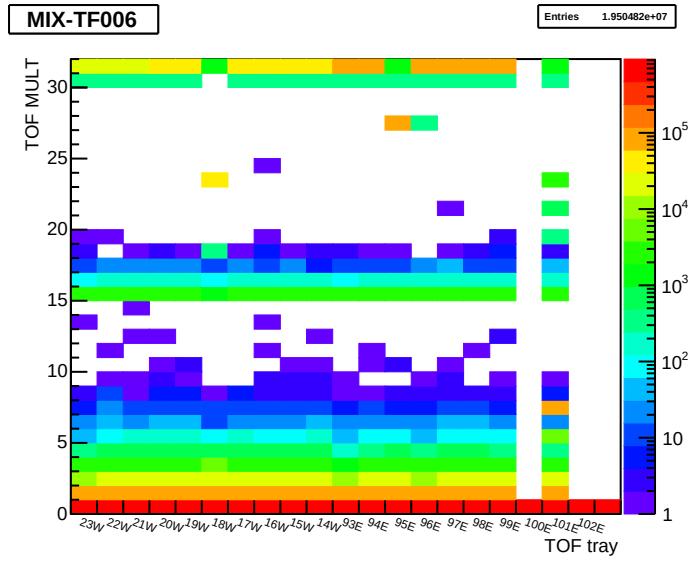

MIX-TF001
Entries 1.950482e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

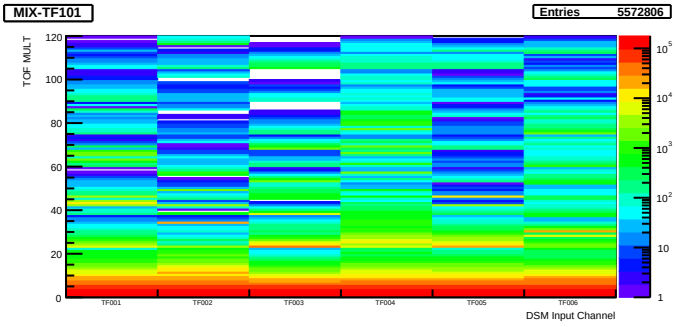

MIX-TF002
Entries 1.950482e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

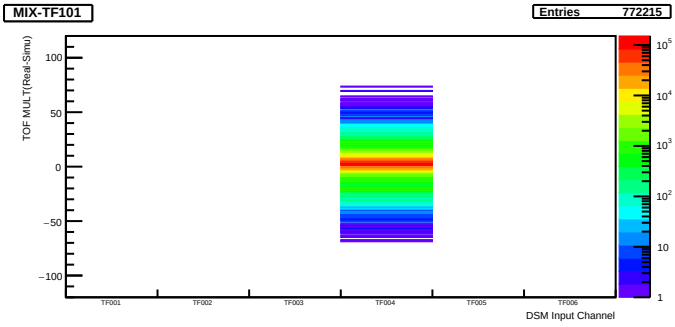

MIX-TF003
Entries 1.950482e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

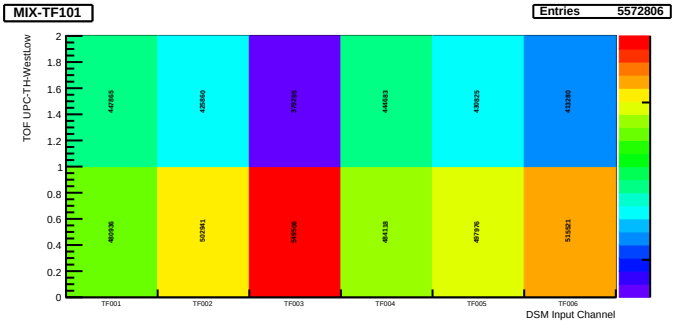

MIX-TF004
Entries 1.950482e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

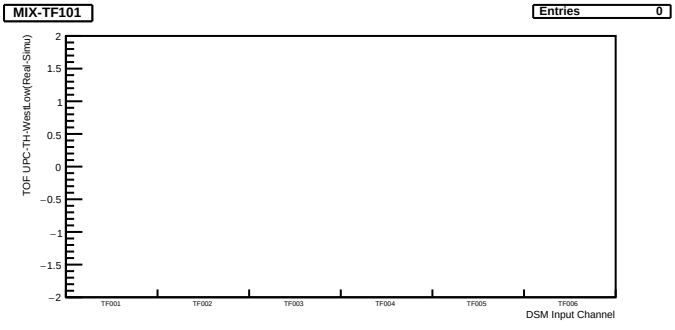

MIX-TF005
Entries 1.950482e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

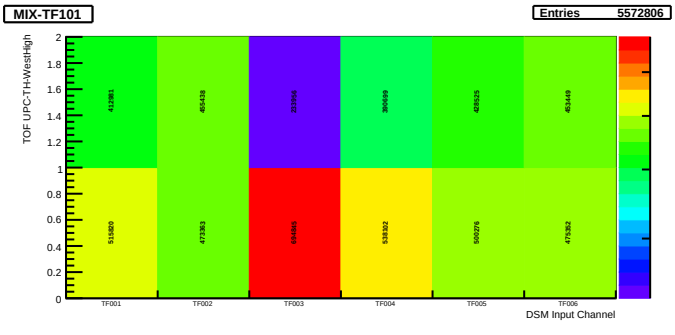

MIX-TF006
Entries 1.950482e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

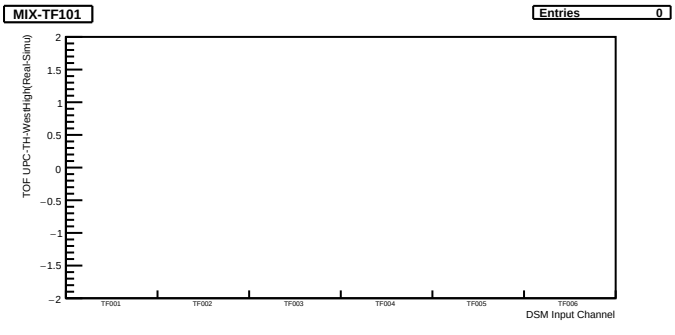

MIX-TF101
Entries 5572806
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

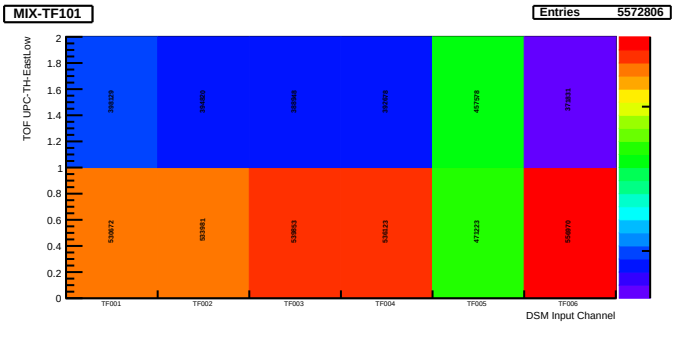

MIX-TF101
Entries 772215
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

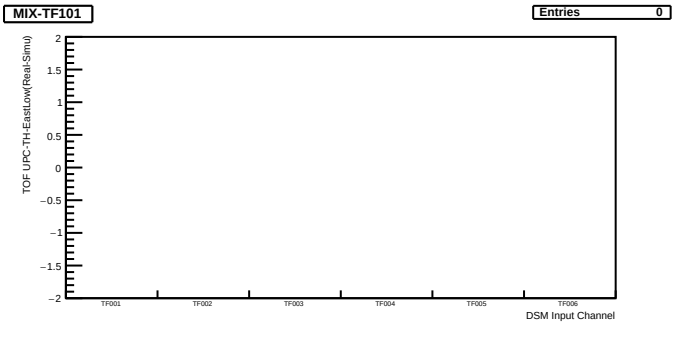

MIX-TF101
Entries 5572806
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

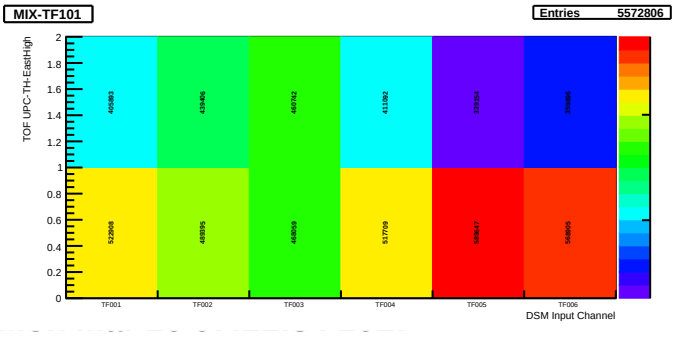

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

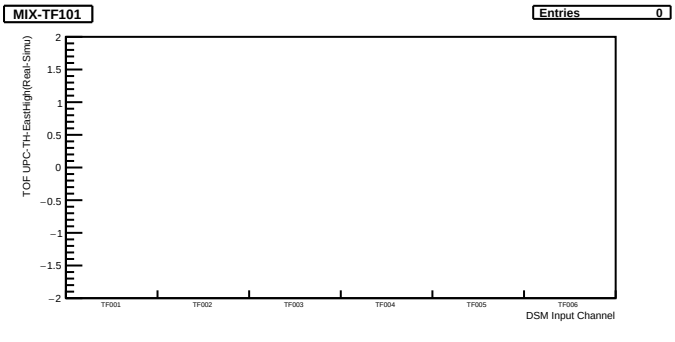

MIX-TF101
Entries 5572806
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

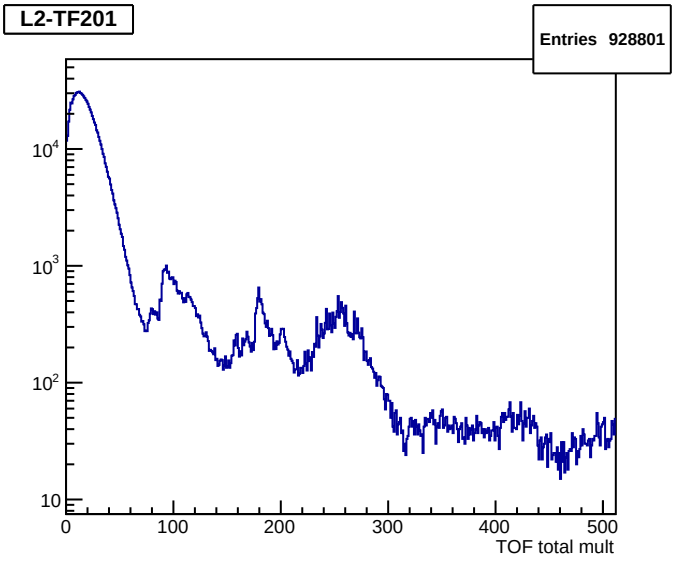

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

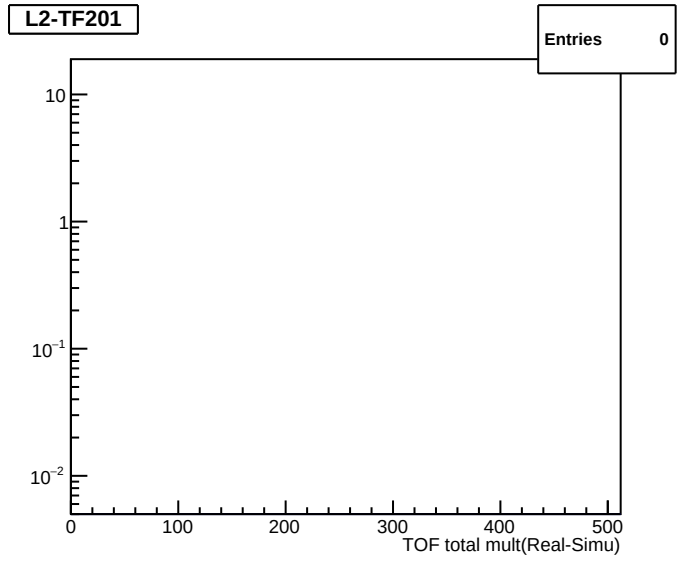

MIX-TF101
Entries 5572806
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

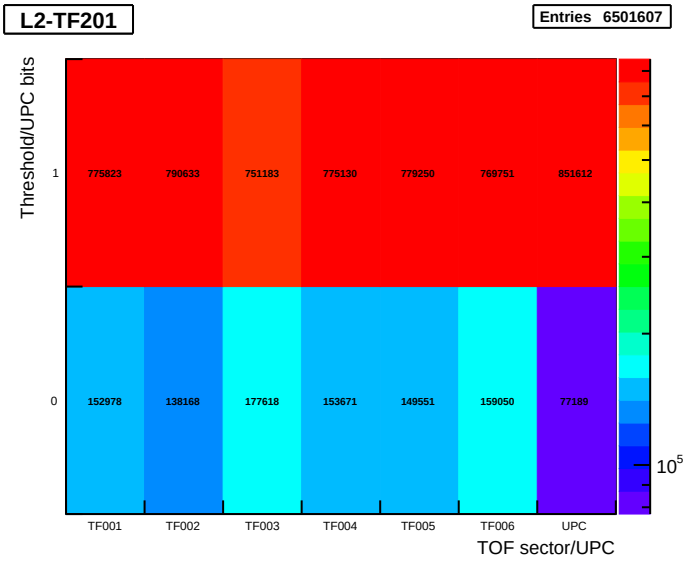

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

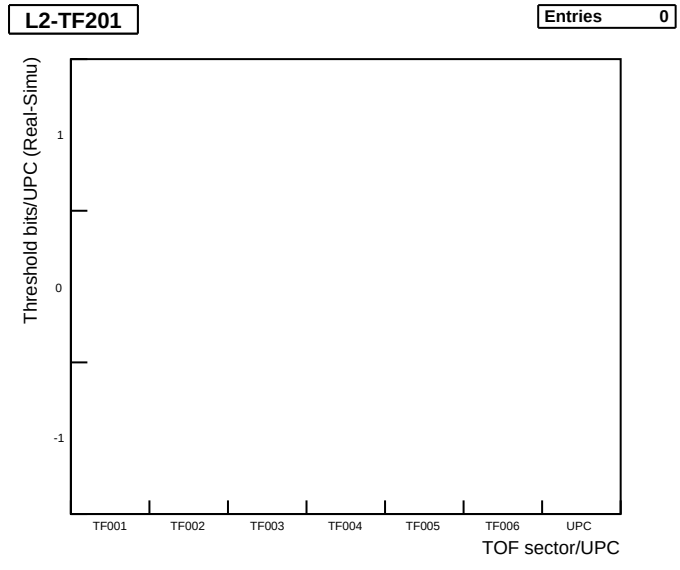

MIX-TF101
Entries 5572806
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

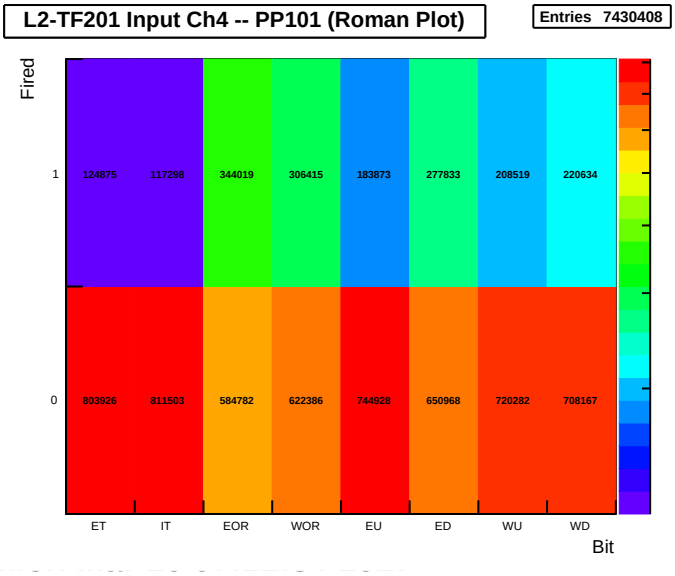

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

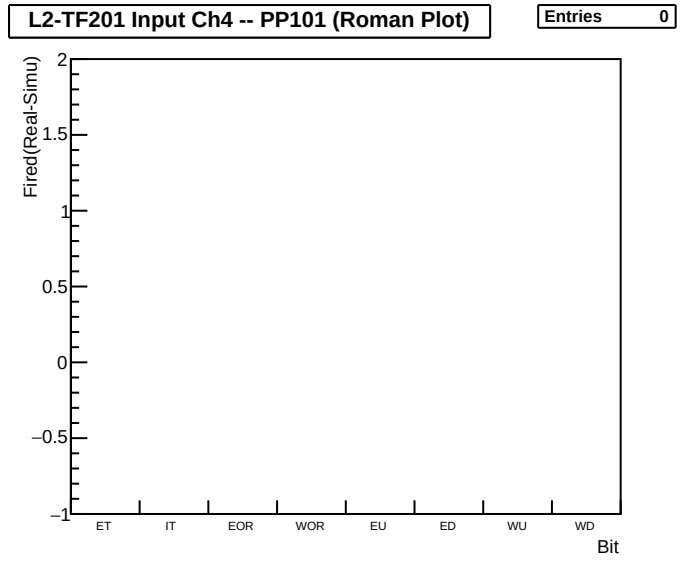

L2-TF201
Entries 928801
TOF total mult

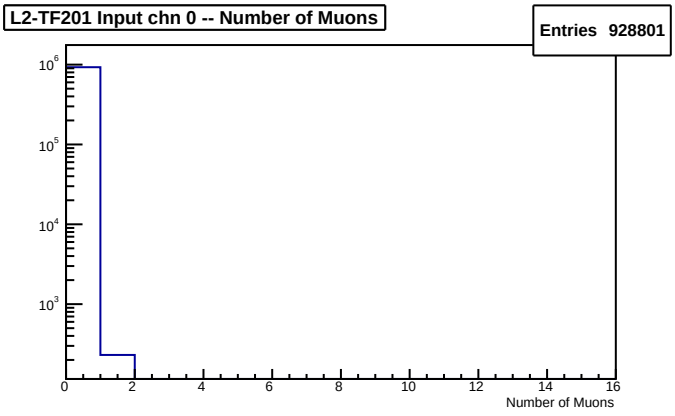

L2-TF201
Entries 0
TOF total mult(Real-Simu)

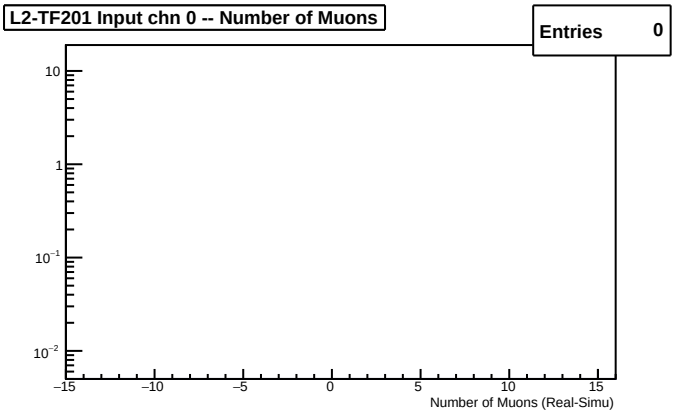

L2-TF201
Entries 6501607
Threshold/UPC bits
775823
790633
751183
775130
779250
769751
851612
152978
138168
177618
153671
149551
159050
77189
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

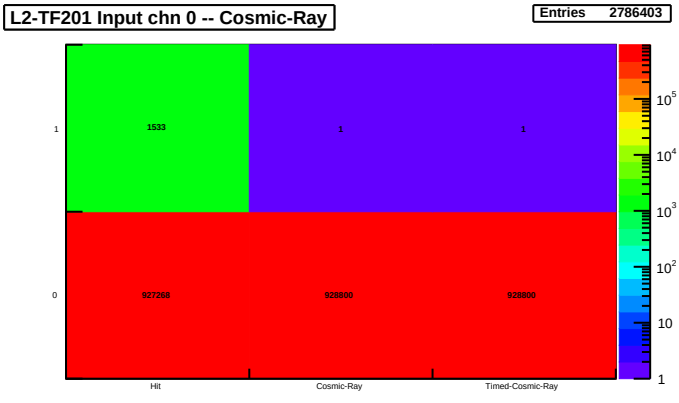

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

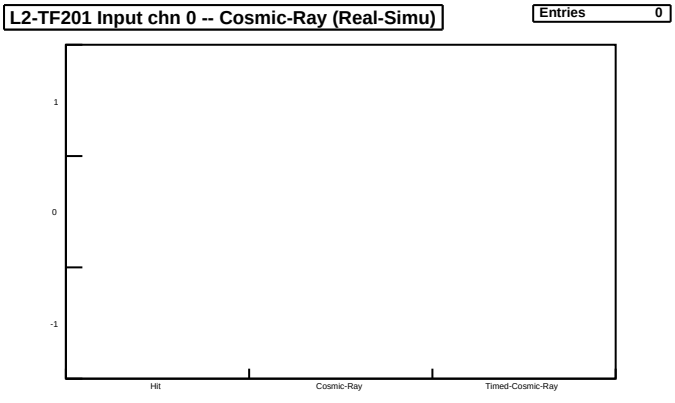

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7430408
Fired
124875
117298
344019
306415
183873
277833
208519
220634
803926
811503
584782
622386
744928
650968
720282
708167
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

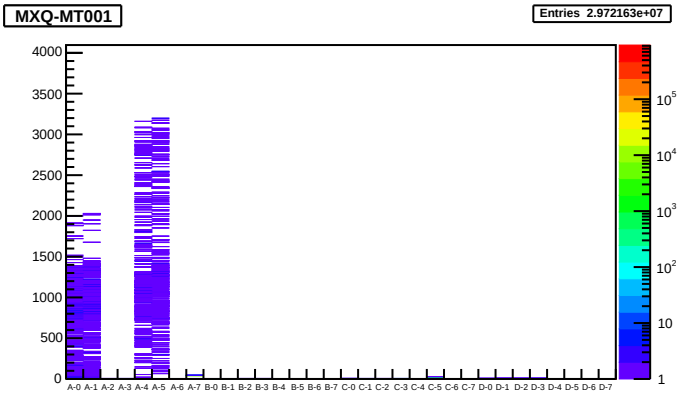

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

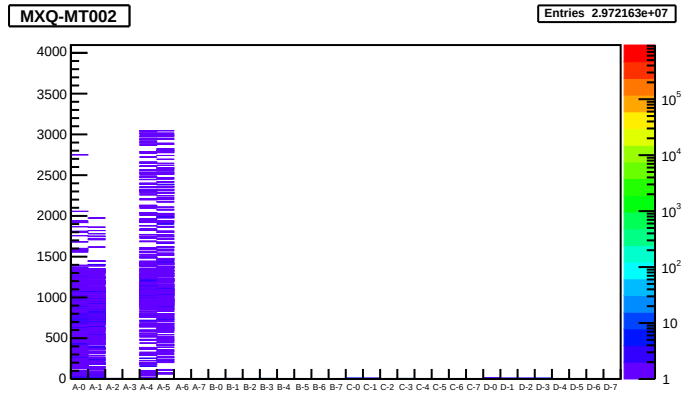

L2-TF201 Input chn 0 -- Number of Muons
Entries 928801
Number of Muons

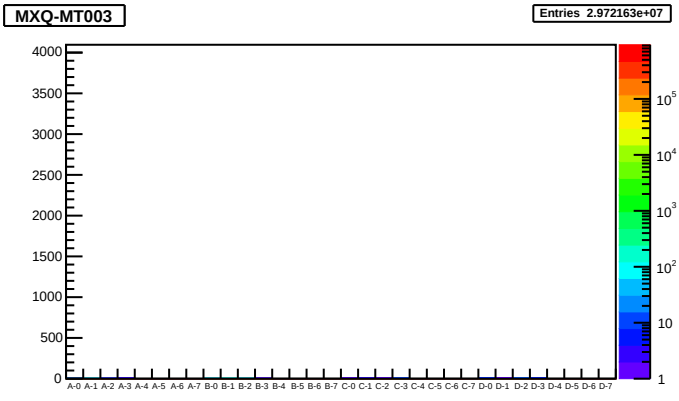

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

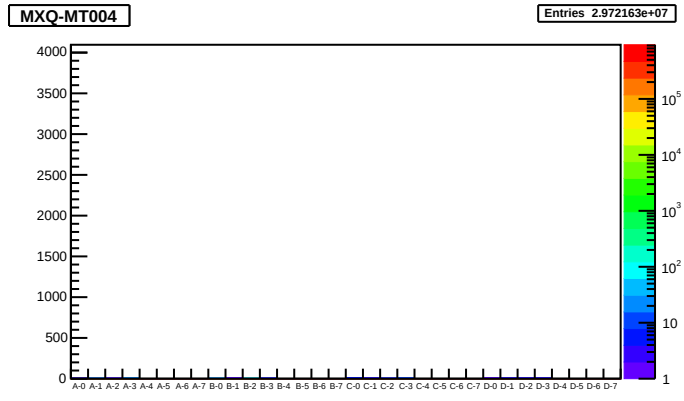

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2786403
1533
1
1
927268
928800
928800
Hit
Cosmic-Ray
Timed-Cosmic-Ray

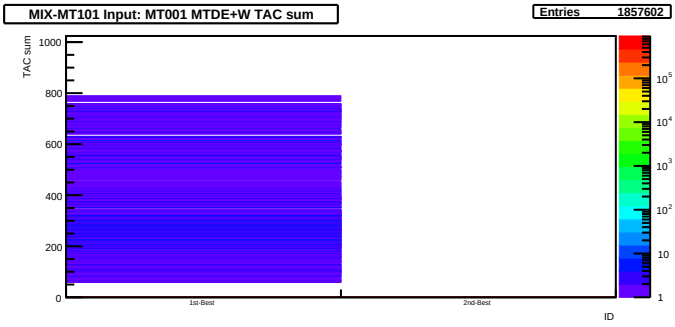

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

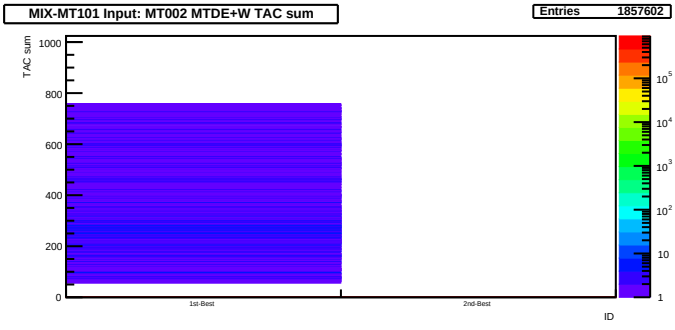

MXQ-MT001
Entries 2.972163e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

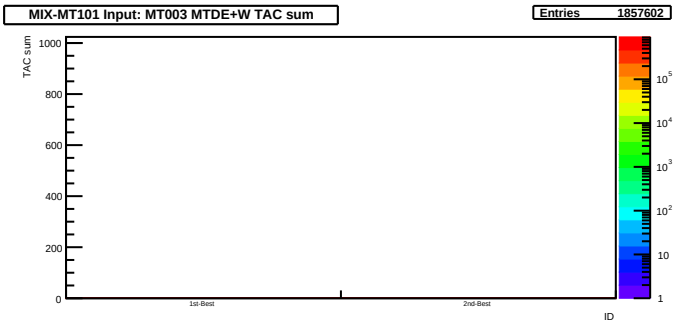

MXQ-MT002
Entries 2.972163e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

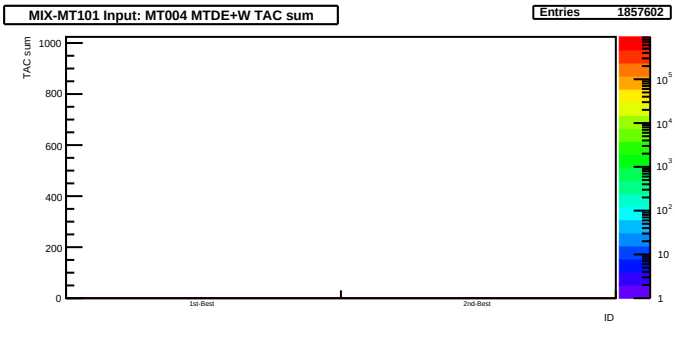

MXQ-MT003
Entries 2.972163e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

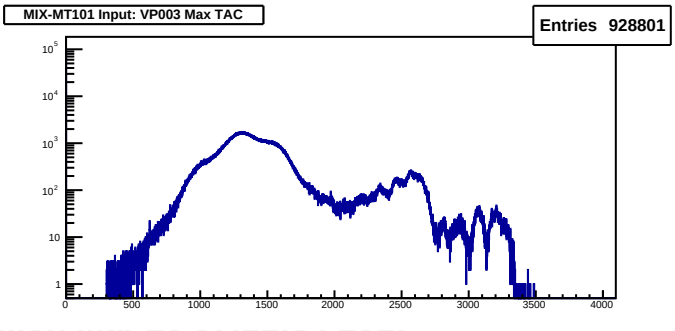

MXQ-MT004
Entries 2.972163e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

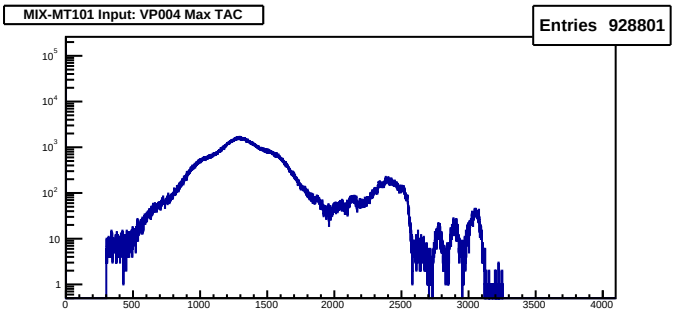

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1857602
TAC sum
1st-Best
2nd-Best
ID

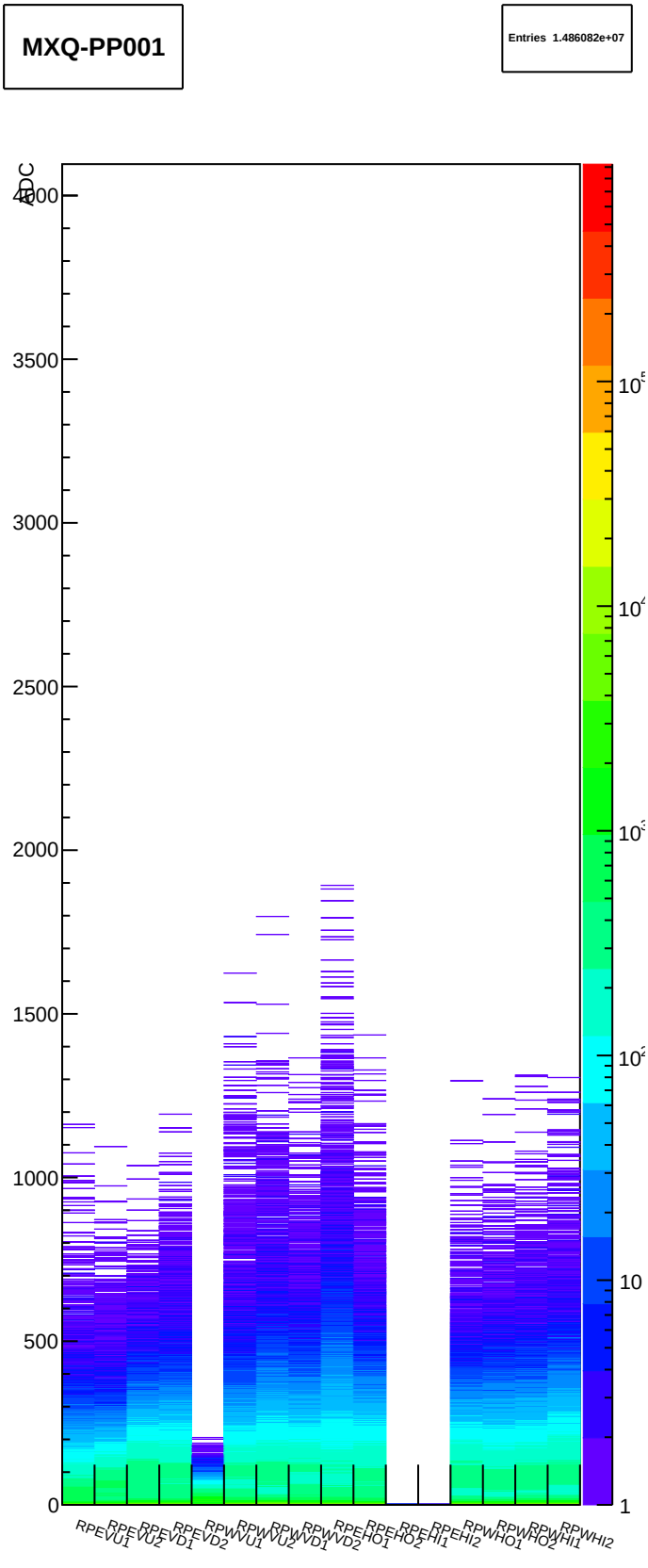

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1857602
TAC sum
1st-Best
2nd-Best
ID

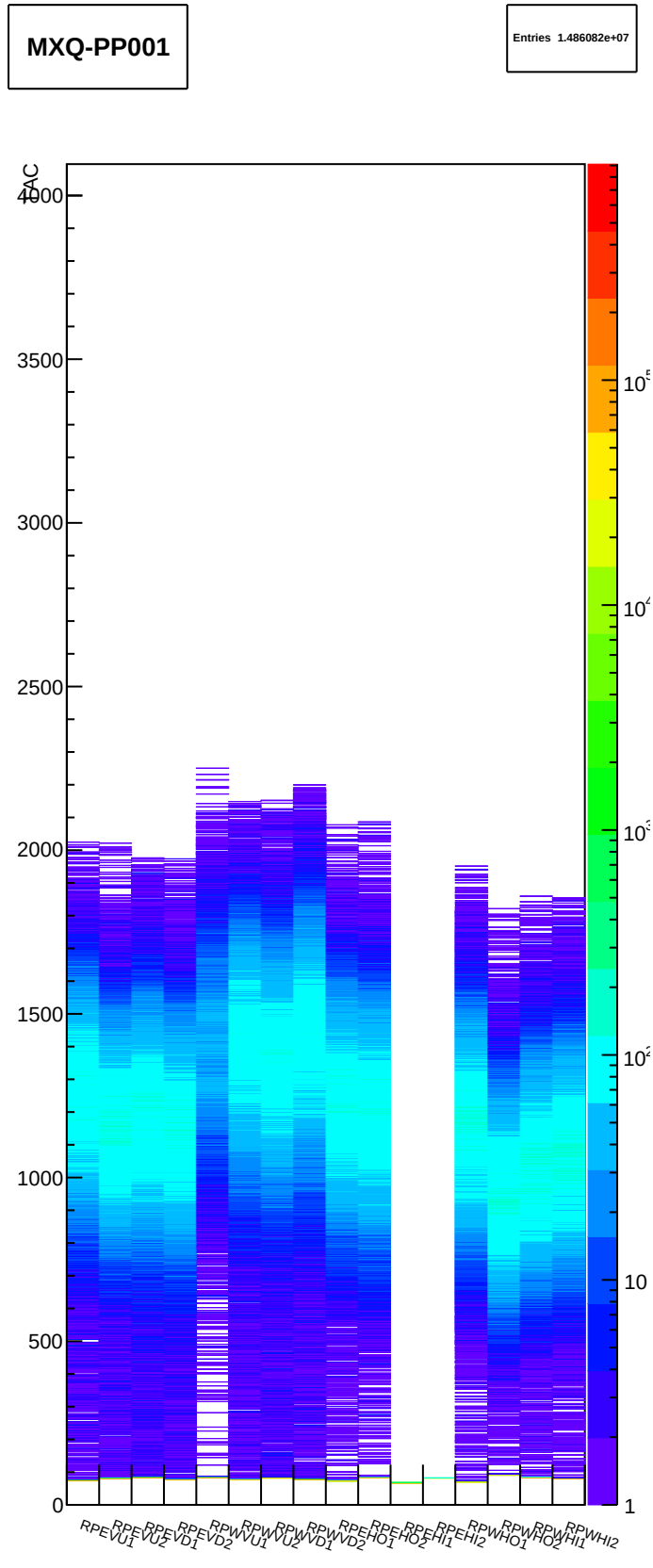

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1857602
TAC sum
1st-Best
2nd-Best
ID

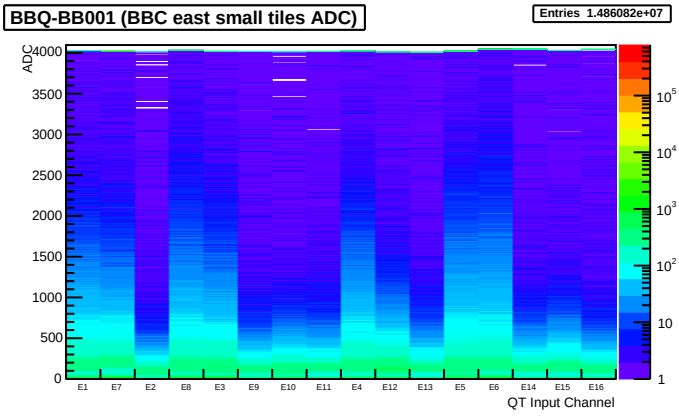

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1857602
TAC sum
1st-Best
2nd-Best
ID

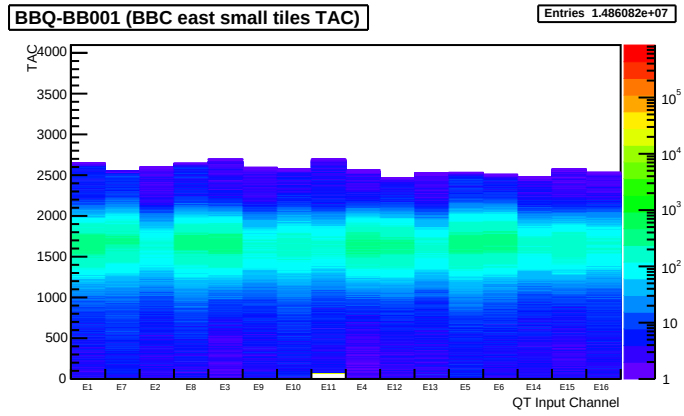

MIX-MT101 Input: VP003 Max TAC
Entries 928801

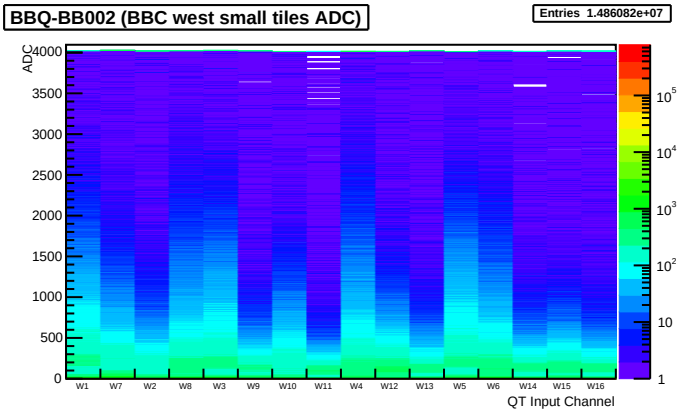

MIX-MT101 Input: VP004 Max TAC
Entries 928801

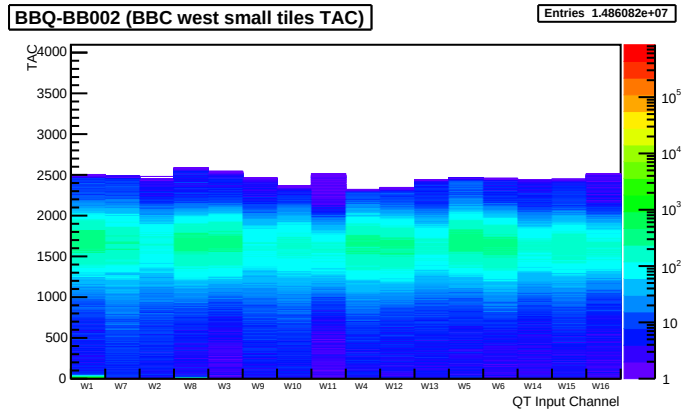

MXQ-PP001
Entries 1.486082e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

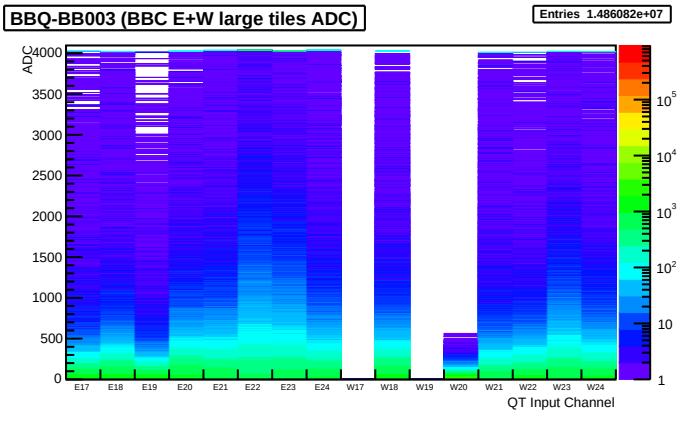

MXQ-PP001
Entries 1.486082e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

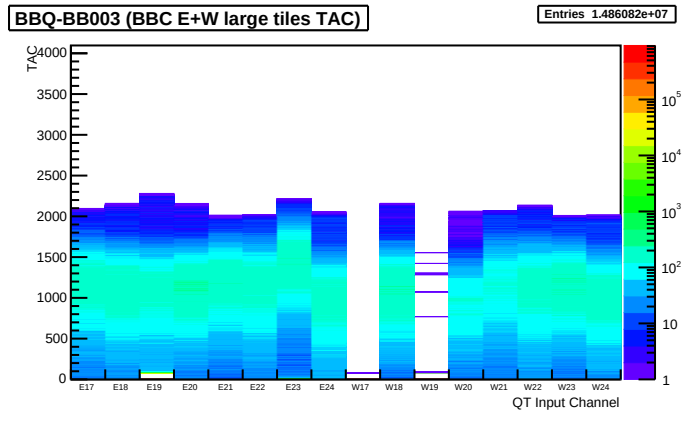

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.486082e+07
ADC
QT Input Channel

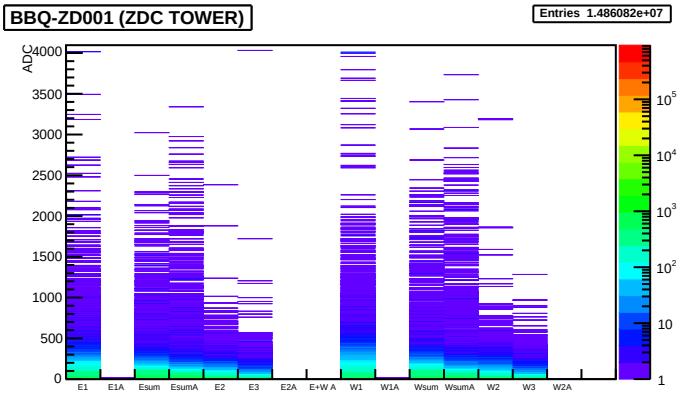

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.486082e+07
TAC
QT Input Channel

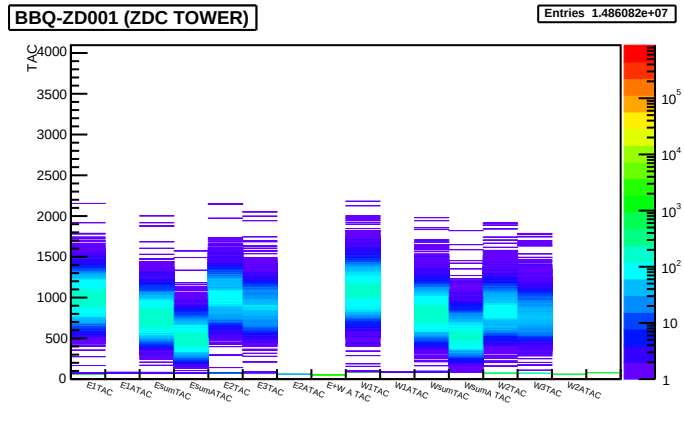

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.486082e+07
ADC
QT Input Channel

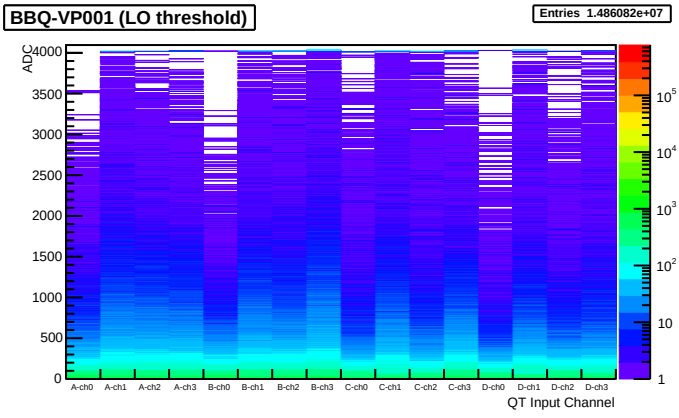

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.486082e+07
TAC
QT Input Channel

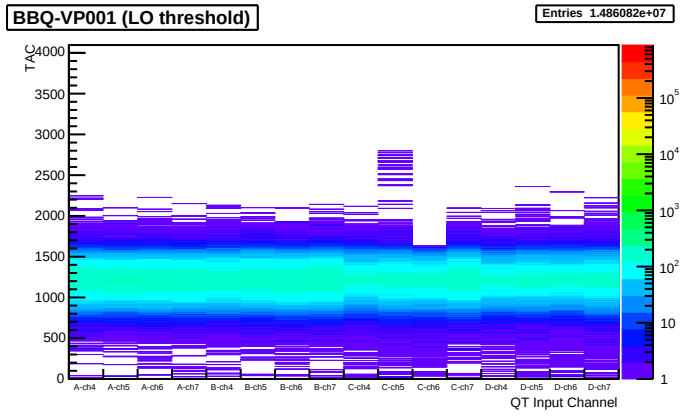

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.486082e+07
ADC
QT Input Channel

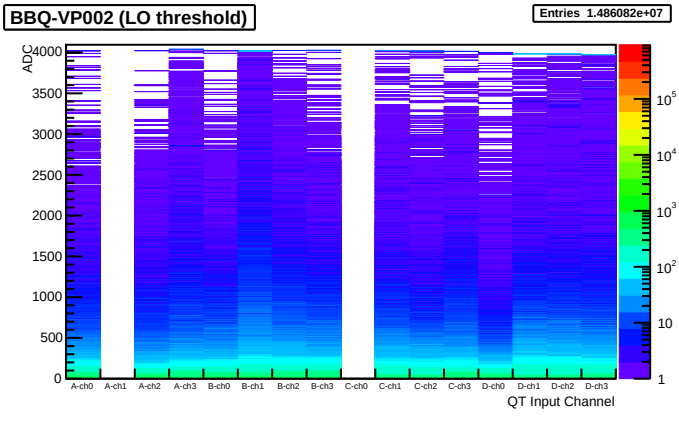

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.486082e+07
TAC
QT Input Channel

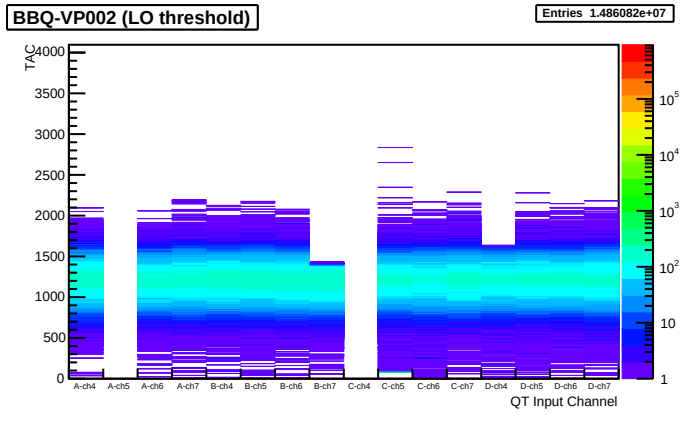

BBQ-ZD001 (ZDC TOWER)
Entries 1.486082e+07
ADC

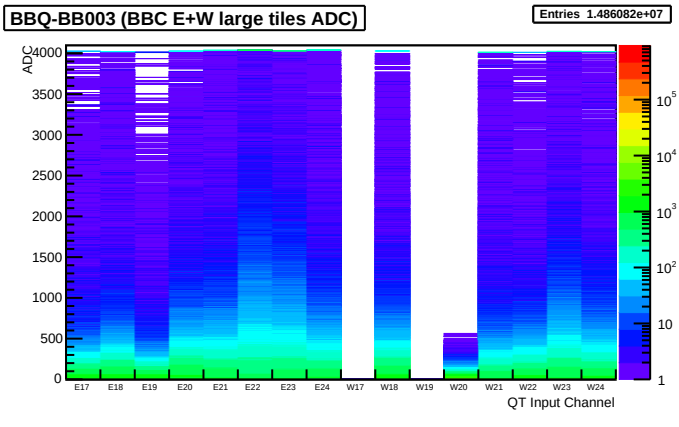

BBQ-ZD001 (ZDC TOWER)
Entries 1.486082e+07
TAC

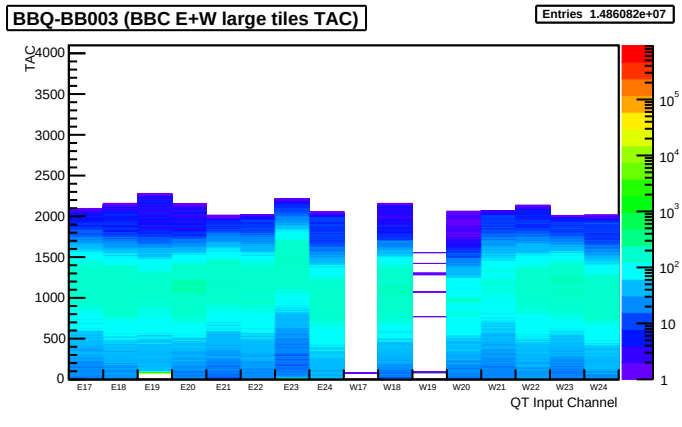

BBQ-VP001 (LO threshold)
Entries 1.486082e+07
ADC
QT Input Channel

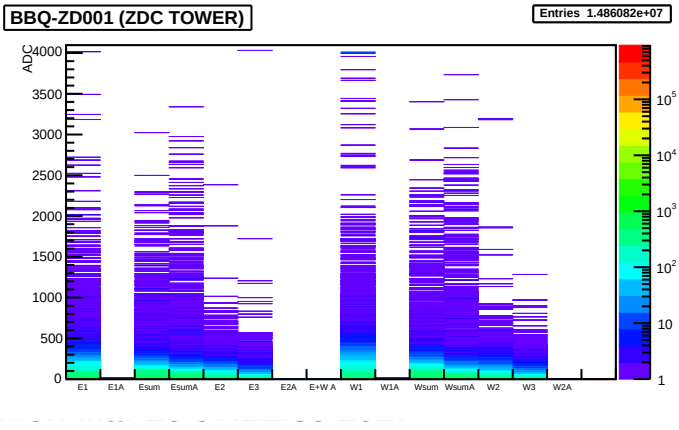

BBQ-VP001 (LO threshold)
Entries 1.486082e+07
TAC
QT Input Channel

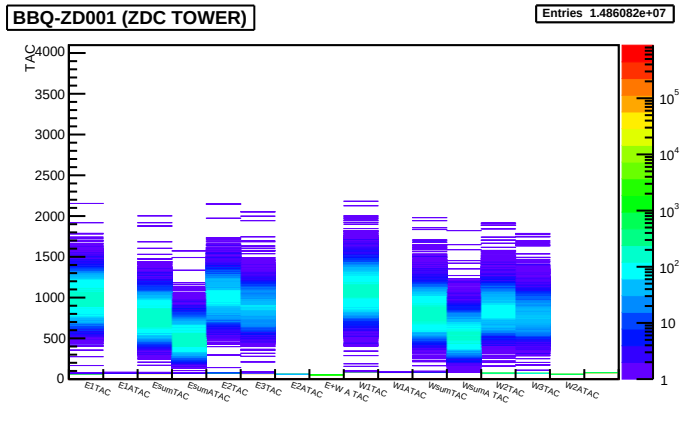

BBQ-VP002 (LO threshold)
Entries 1.486082e+07
ADC
QT Input Channel

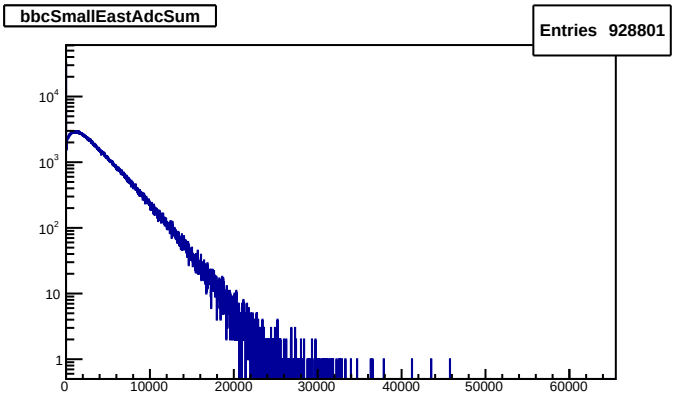

BBQ-VP002 (LO threshold)
Entries 1.486082e+07
TAC
QT Input Channel

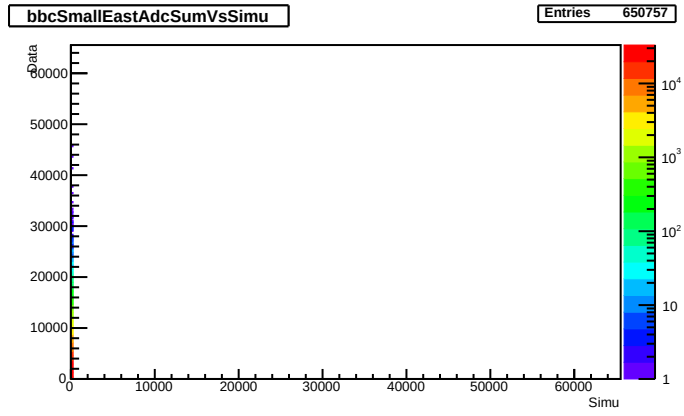

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.486082e+07
ADC
QT Input Channel

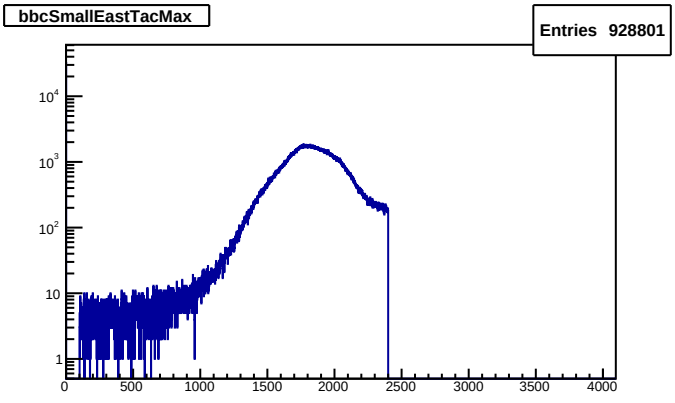

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.486082e+07
TAC
QT Input Channel

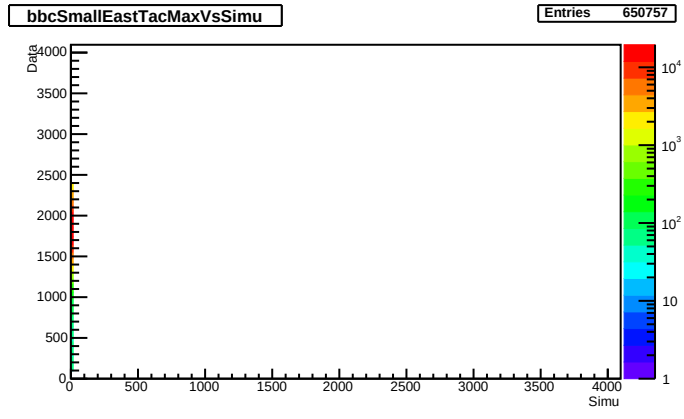

BBQ-ZD001 (ZDC TOWER)
Entries 1.486082e+07
ADC

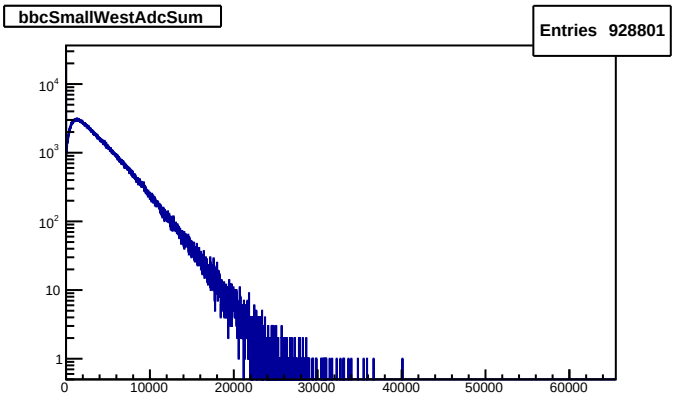

BBQ-ZD001 (ZDC TOWER)
Entries 1.486082e+07
TAC

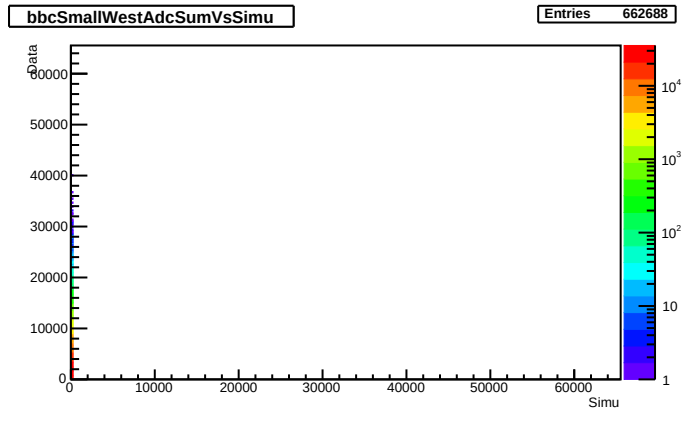

bbcSmallEastAdcSum
Entries 928801

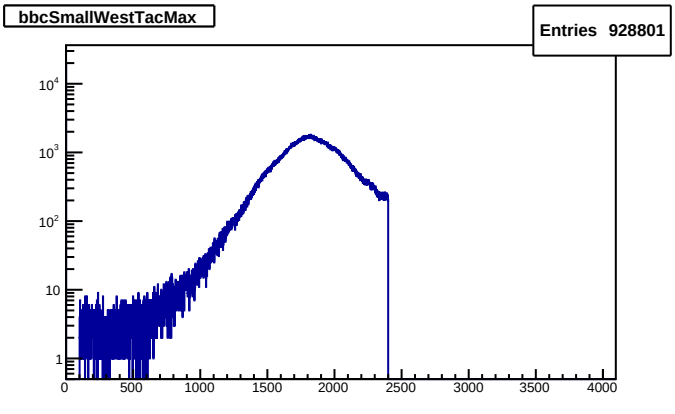

bbcSmallEastAdcSumVsSimu
Entries 650757
Data
Simu

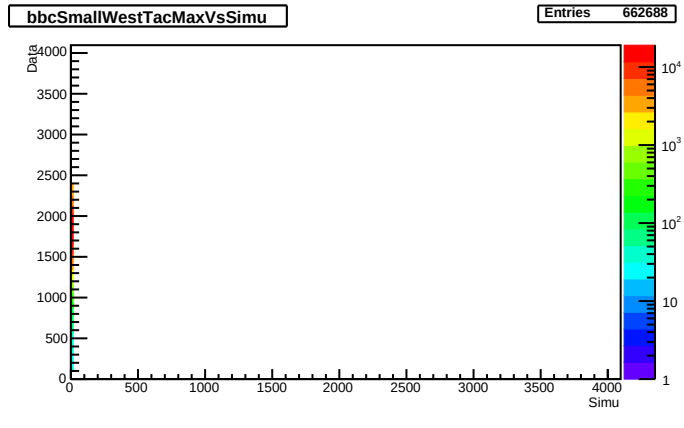

bbcSmallEastTacMax
Entries 928801

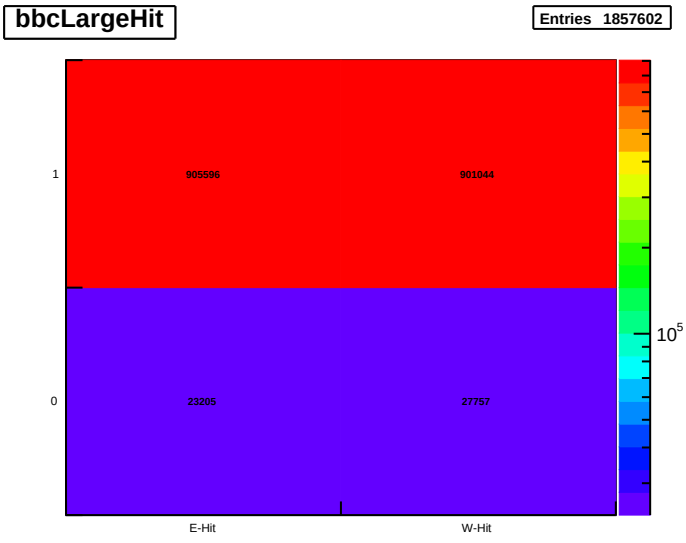

bbcSmallEastTacMaxVsSimu
Entries 650757
Data
Simu

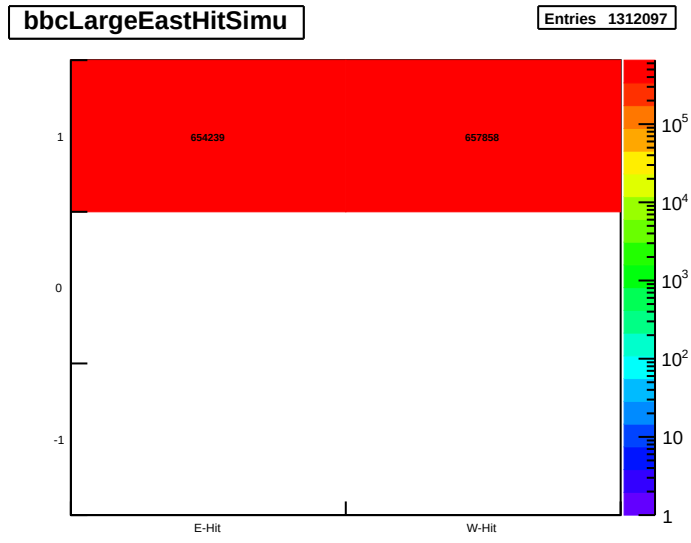

bbcSmallWestAdcSum
Entries 928801

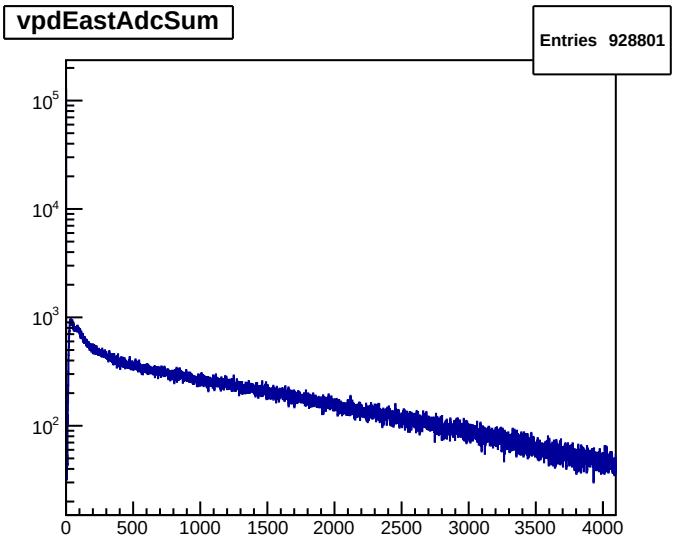

bbcSmallWestAdcSumVsSimu
Entries 662688
Data
Simu

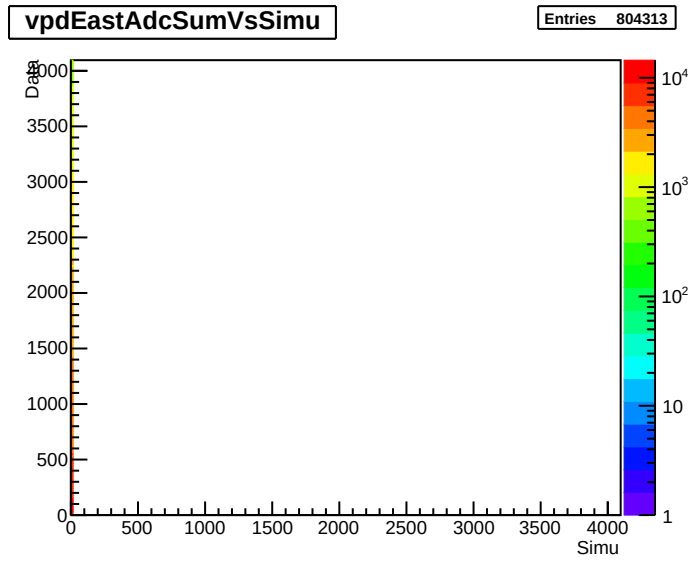

bbcSmallWestTacMax
Entries 928801

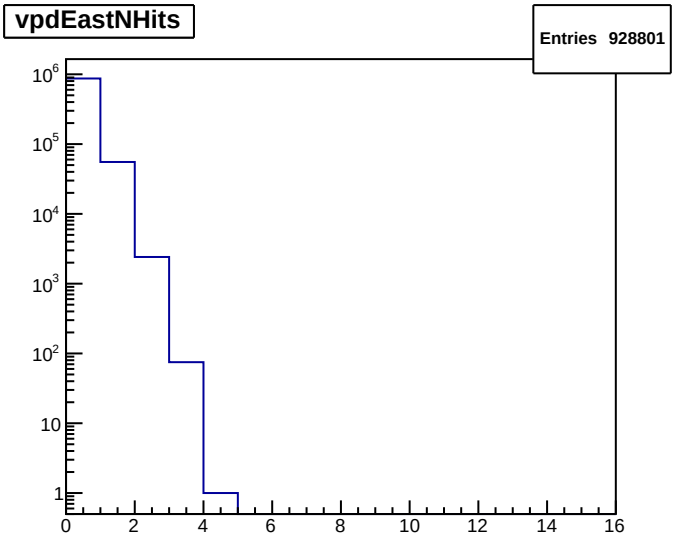

bbcSmallWestTacMaxVsSimu
Entries 662688
Data
Simu

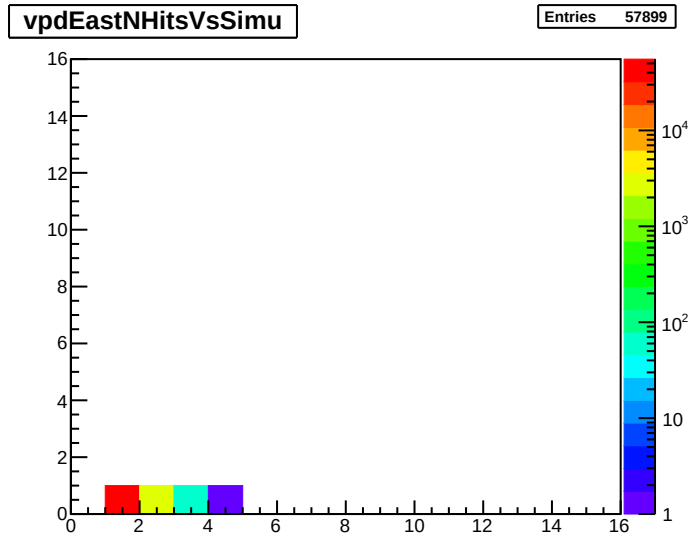

bbcLargeHit
Entries 1857602
1
0
905596
901044
23205
27757
E-Hit
W-Hit
10^5

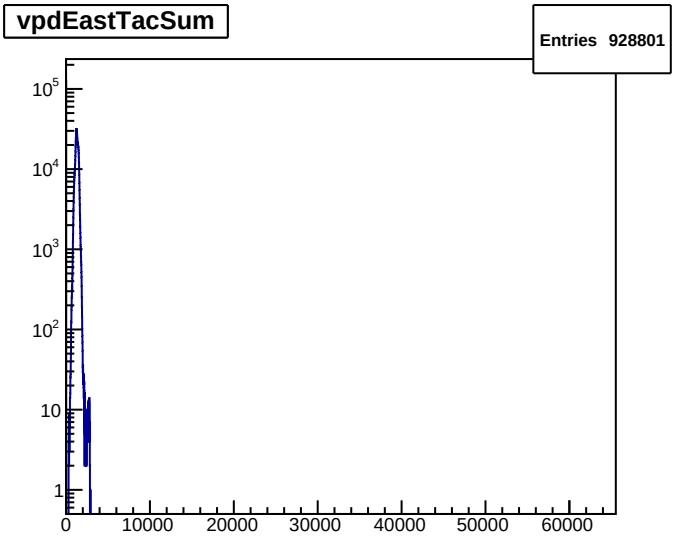

bbcLargeEastHitSimu
Entries 1312097
1
0
-1
654239
657858
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

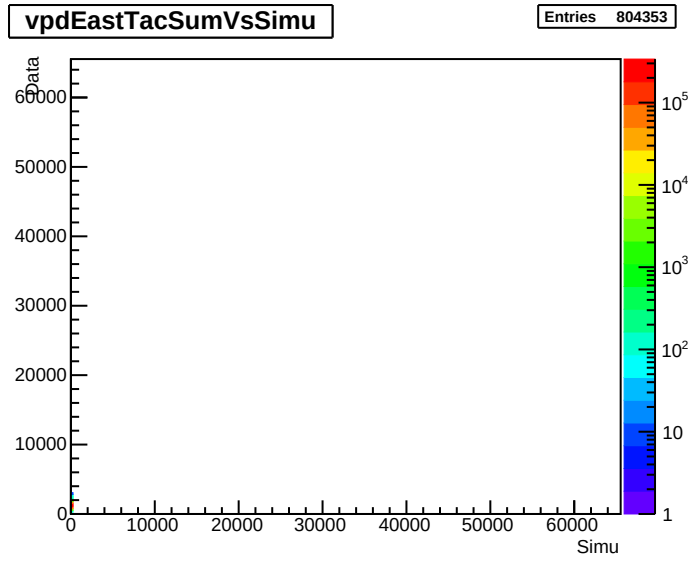

vpdEastAdcSum
Entries 928801

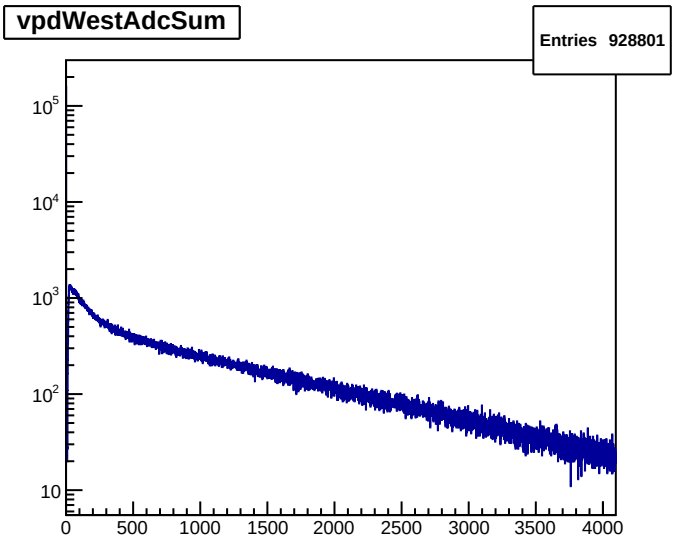

vpdEastAdcSumVsSimu
Entries 804313
Data
Simu

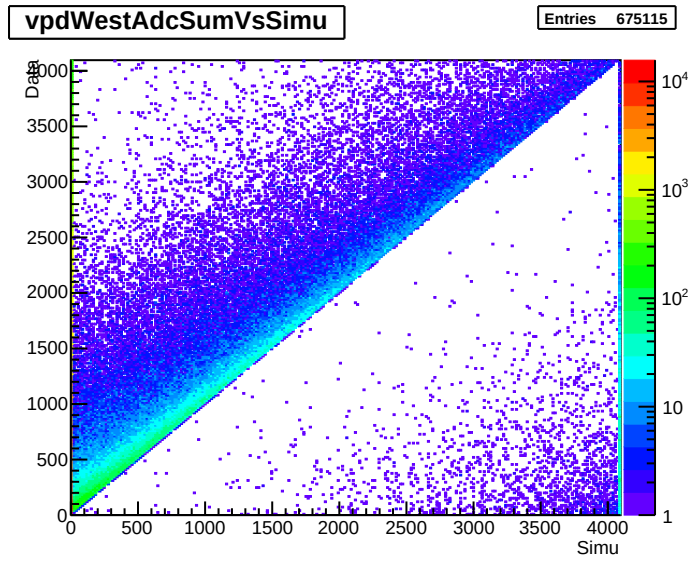

vpdEastNHits
Entries 928801

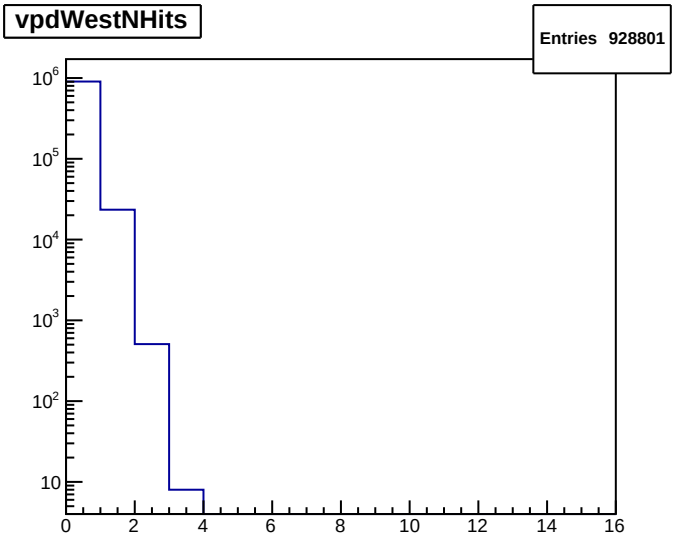

vpdEastNHitsVsSimu
Entries 57899

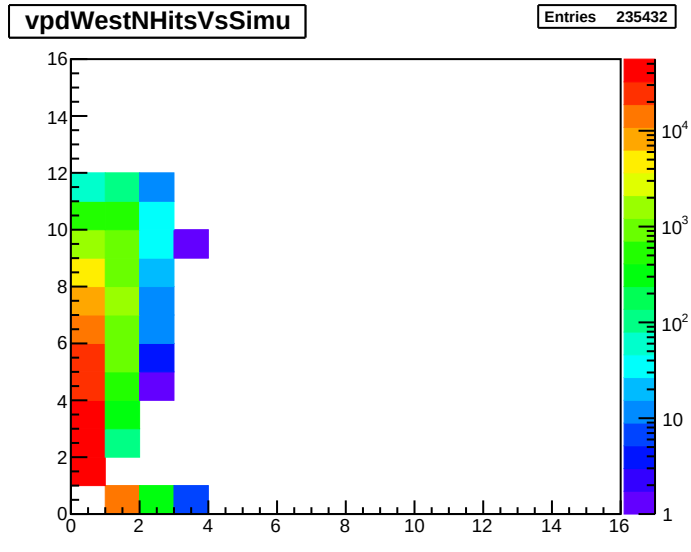

vpdEastTacSum
Entries 928801

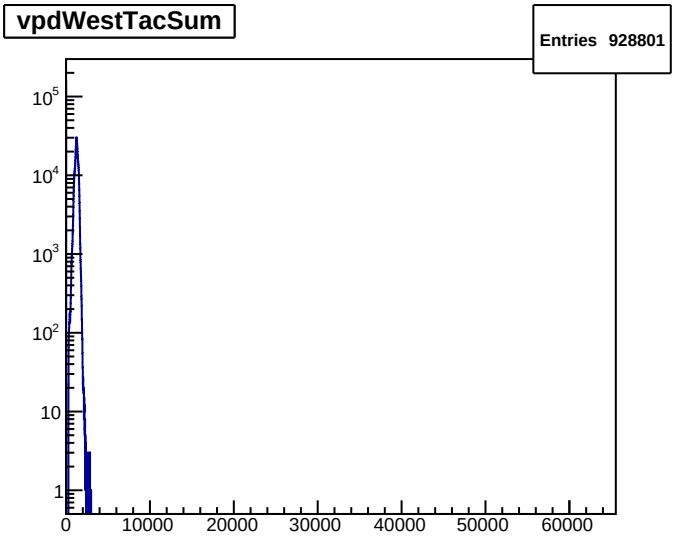

vpdEastTacSumVsSimu
Entries 804353
Data
Simu

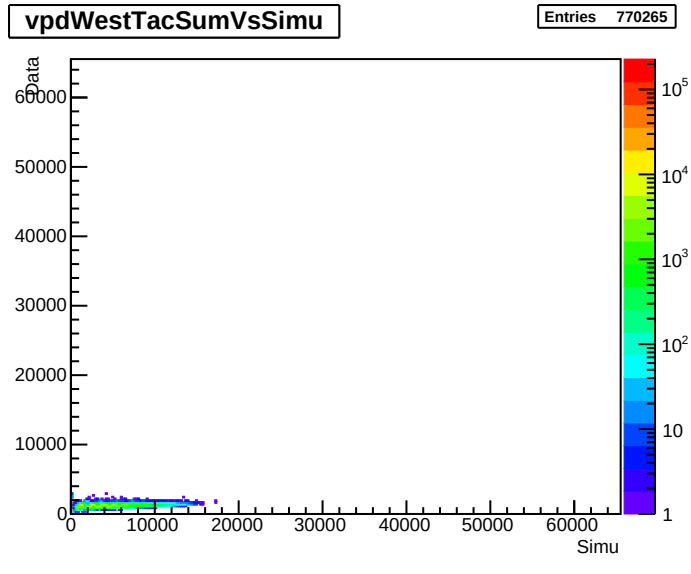

vpdWestAdcSum
Entries 928801

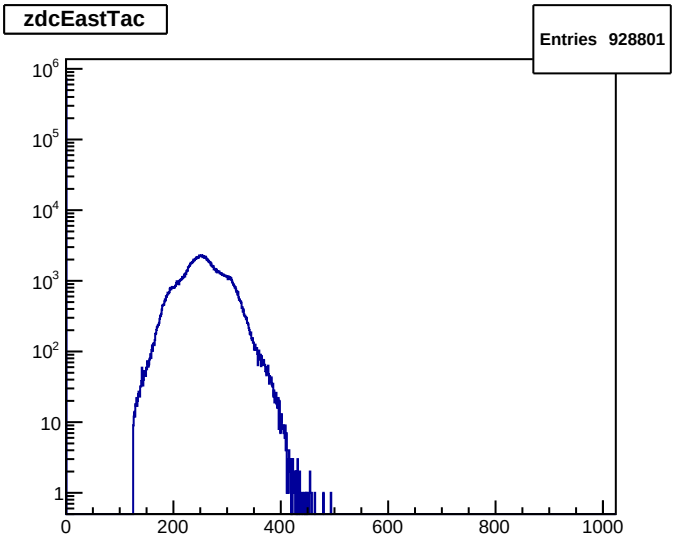

vpdWestAdcSumVsSimu
Entries 675115
Data
Simu

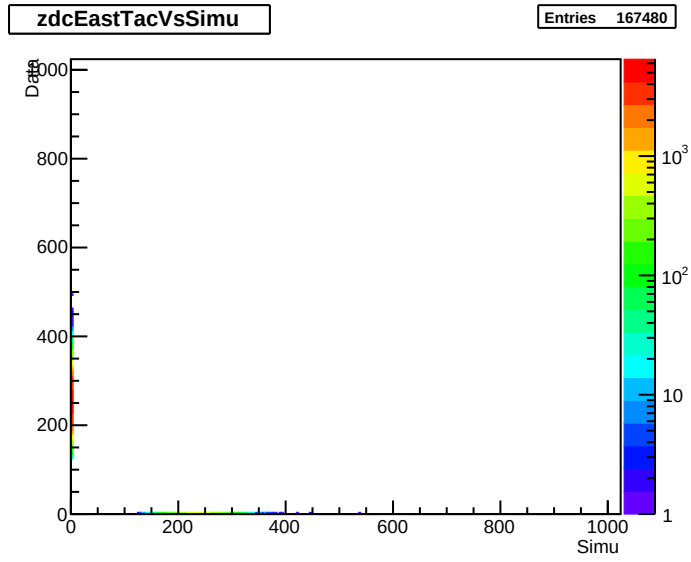

vpdWestNHits
Entries 928801

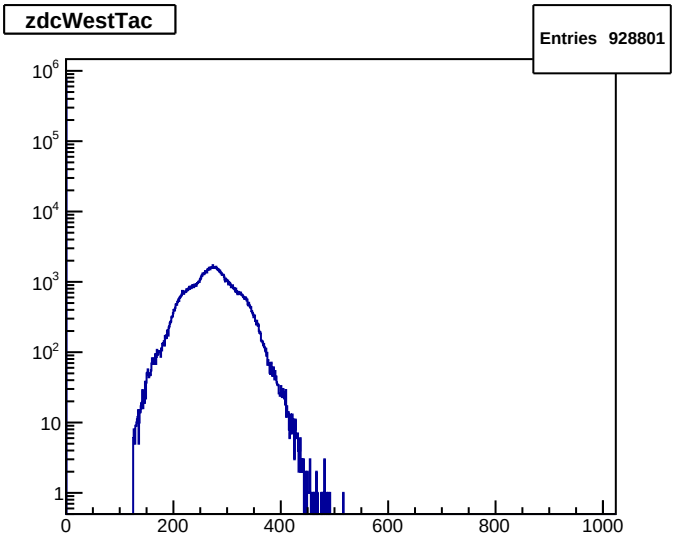

vpdWestNHitsVsSimu
Entries 235432

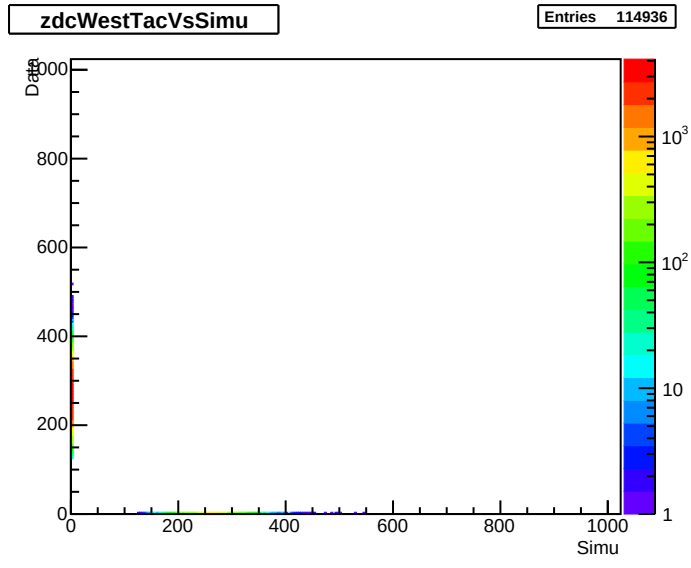

vpdWestTacSum
Entries 928801

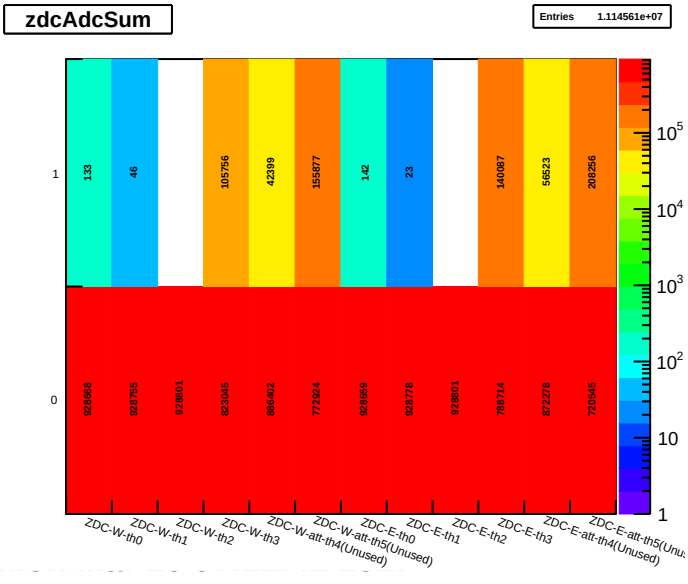

vpdWestTacSumVsSimu
Entries 770265
Data
Simu

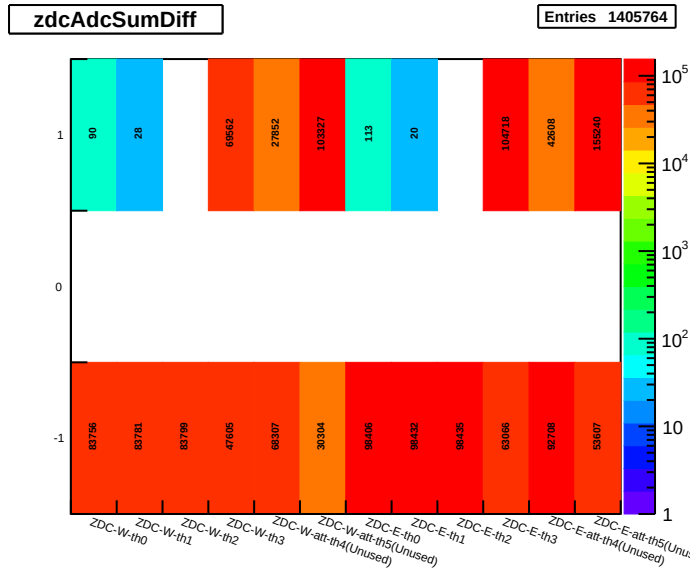

zdcEastTac
Entries 928801

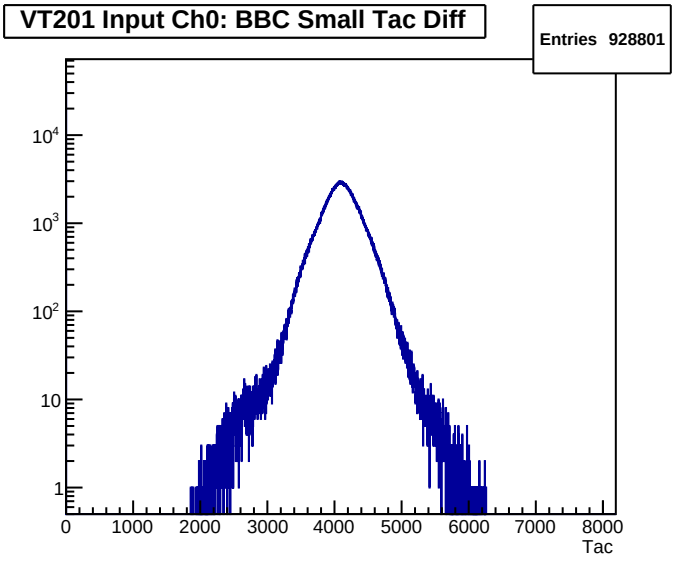

zdcEastTacVsSimu
Entries 167480
Data
Simu

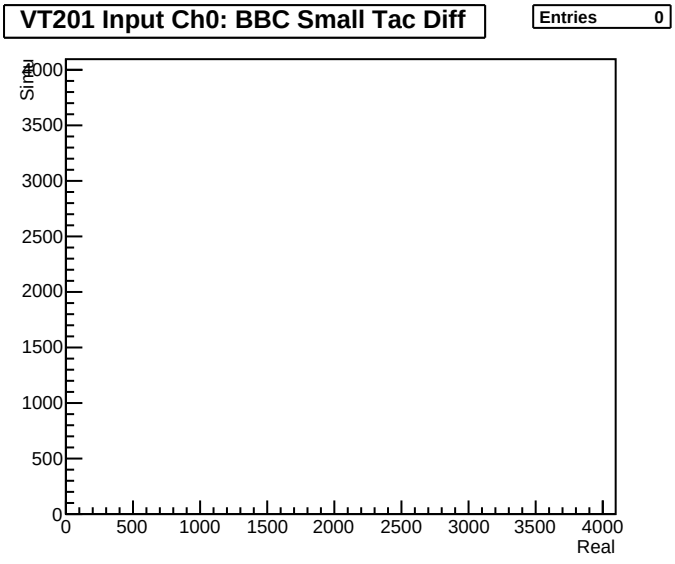

zdcWestTac
Entries 928801

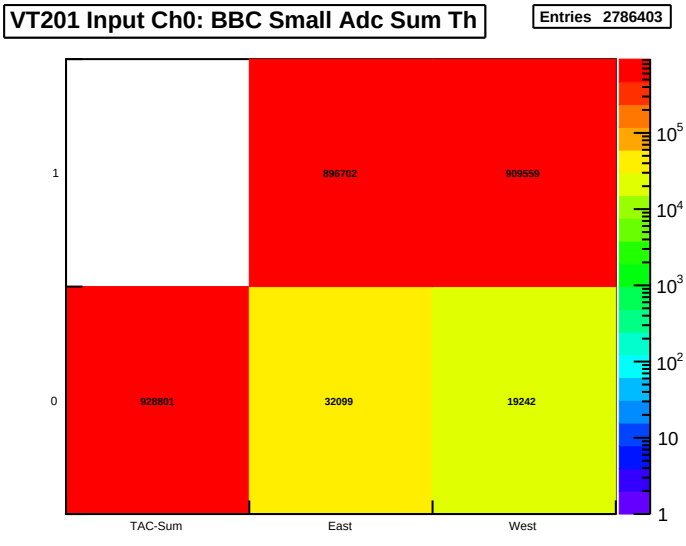

zdcWestTacVsSimu
Entries 114936
Data
Simu

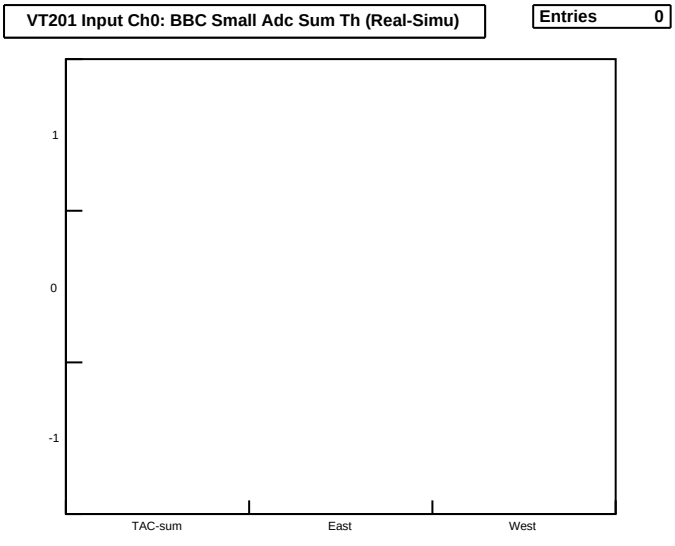

zdcAdcSum
Entries 1.114561e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

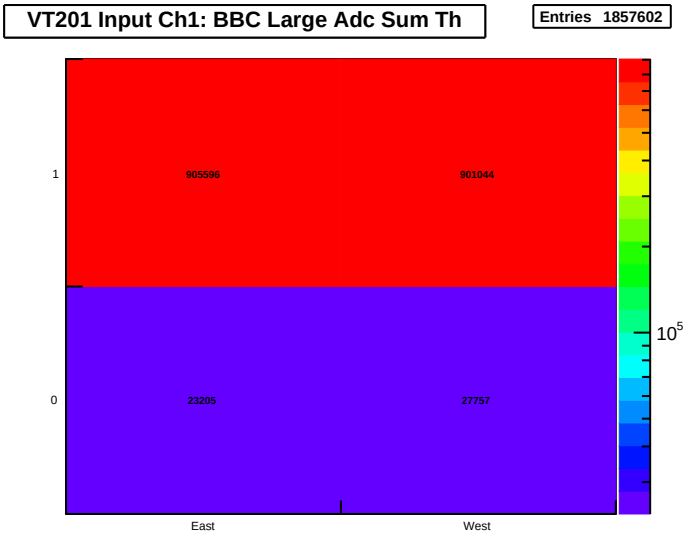

zdcAdcSumDiff
Entries 1405764
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

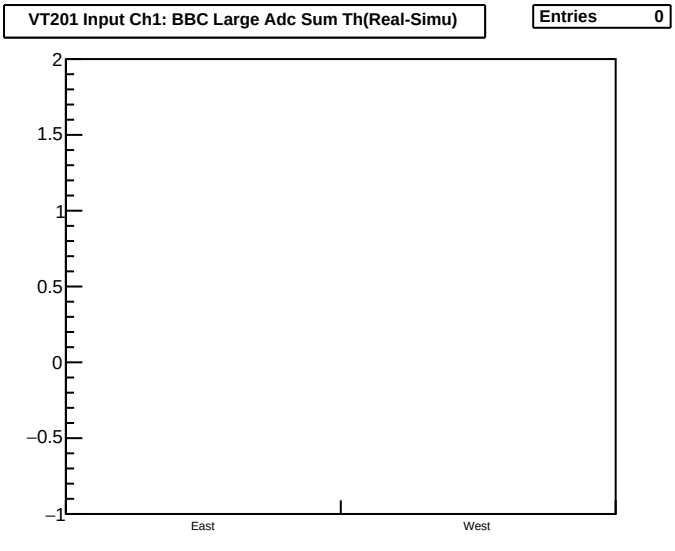

VT201 Input Ch0: BBC Small Tac Diff
Entries 928801
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

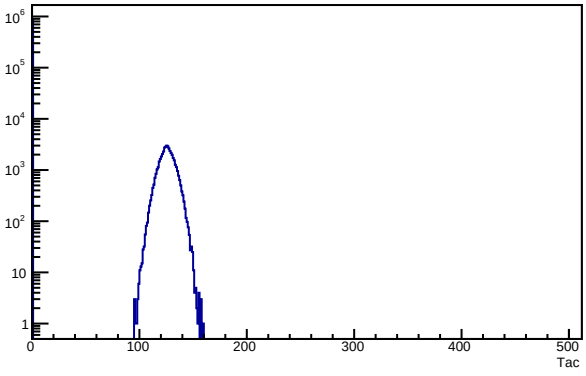

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2786403
896702
909559
928801
32099
19242
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

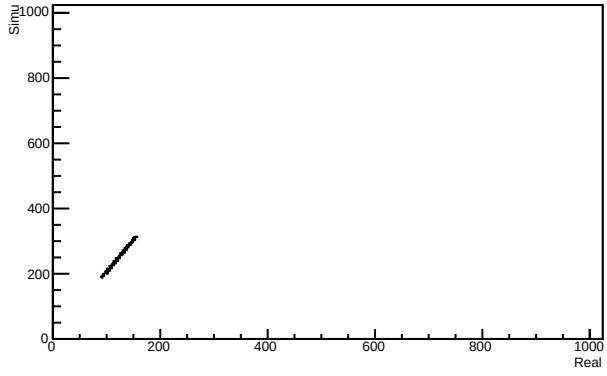

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1857602
905596
901044
23205
27757
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

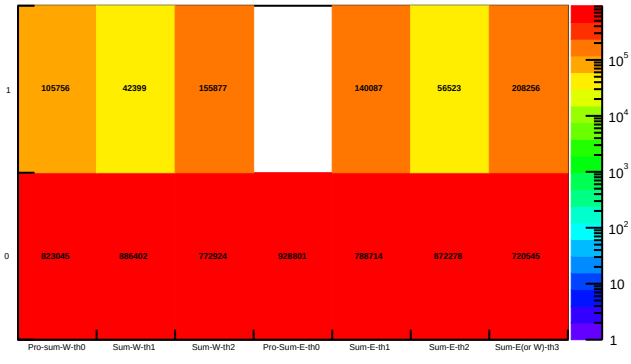
VT201 Input Ch2: ZDC Tac Diff



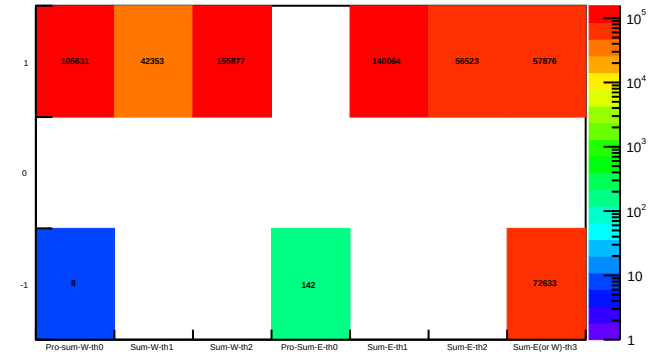
VT201 Input Ch2: ZDC Tac Diff



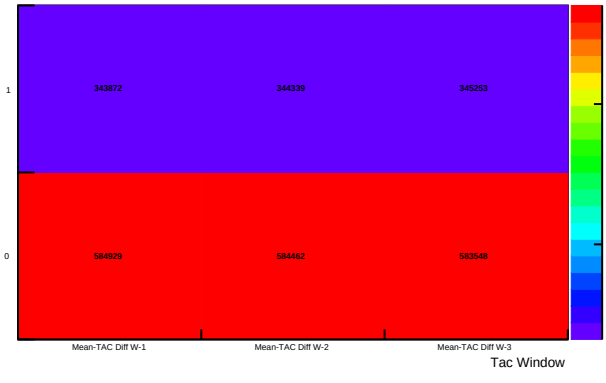
VT201 Input Ch2: ZDC Adc Sum Th



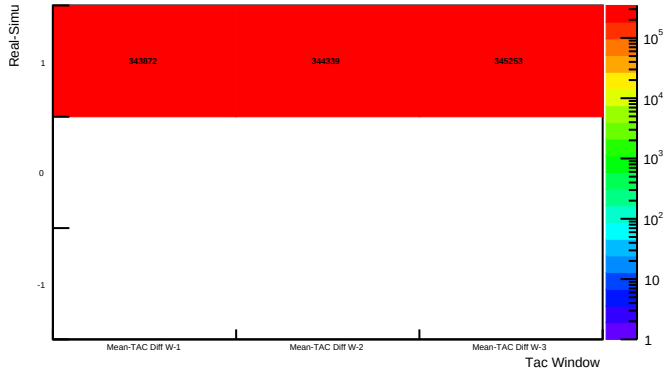
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



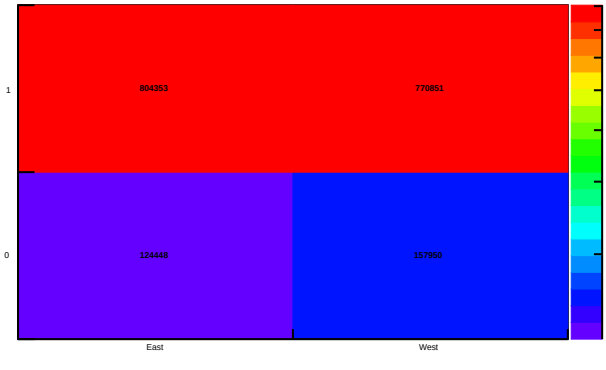
VT201 Input Ch4: VPD Tac Diff



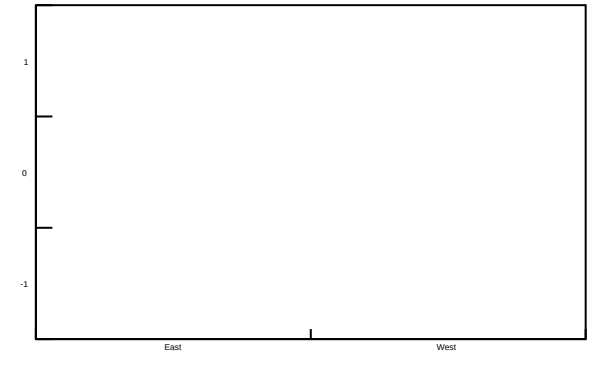
VT201 Input Ch4: VPD Tac Diff

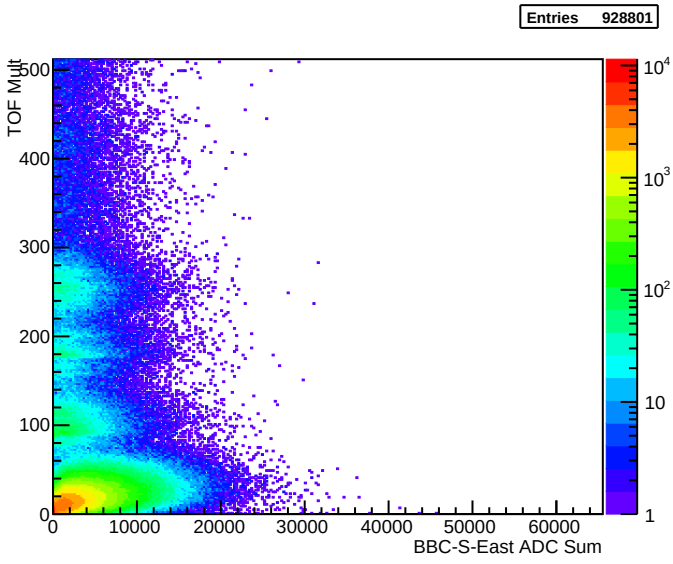


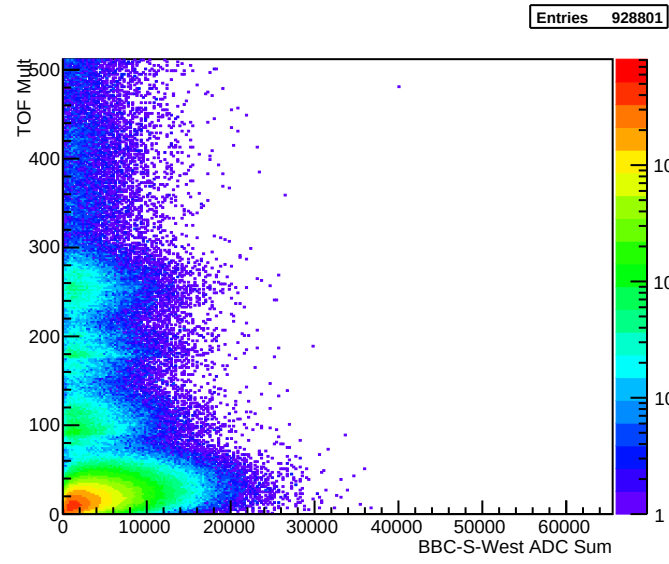
VT201 Input Ch4: VPD Adc Sum Th

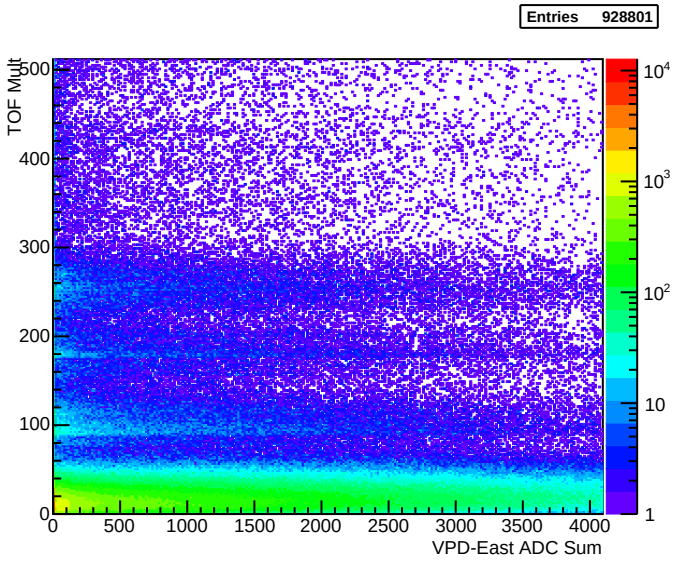


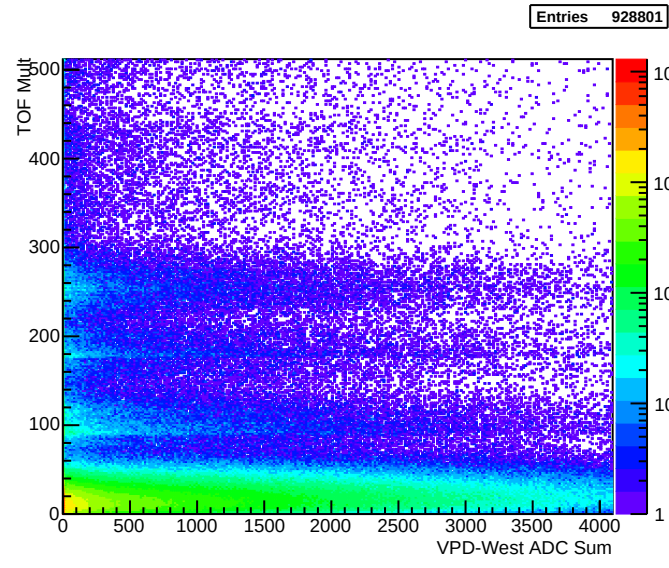
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

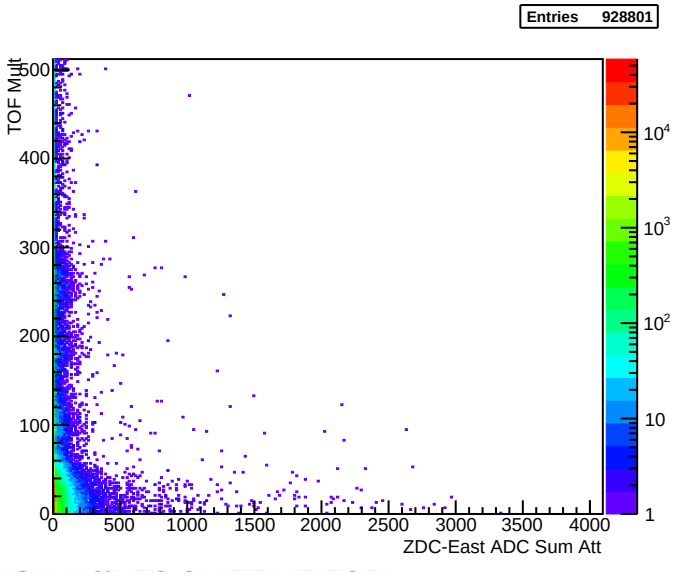


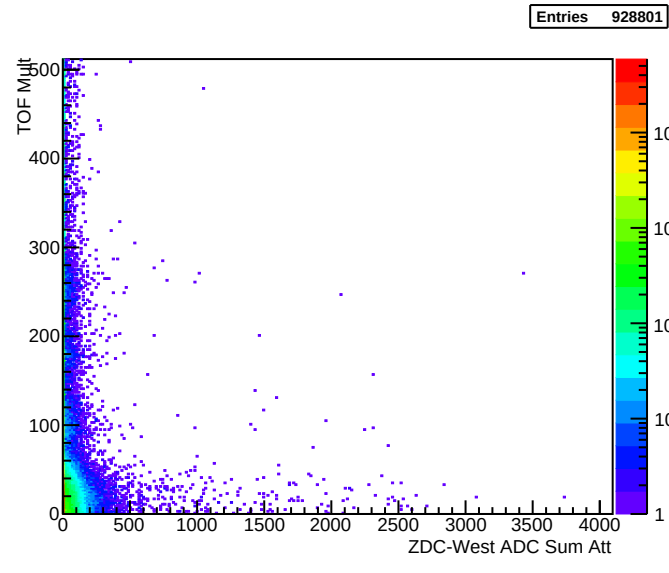

Entries 928801
TOF Mult
BBC-S-East ADC Sum

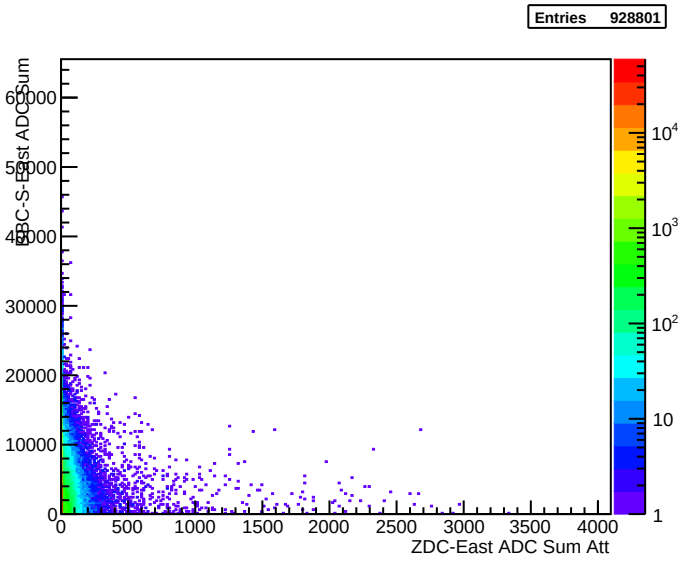

Entries 928801
TOF Mult
BBC-S-West ADC Sum

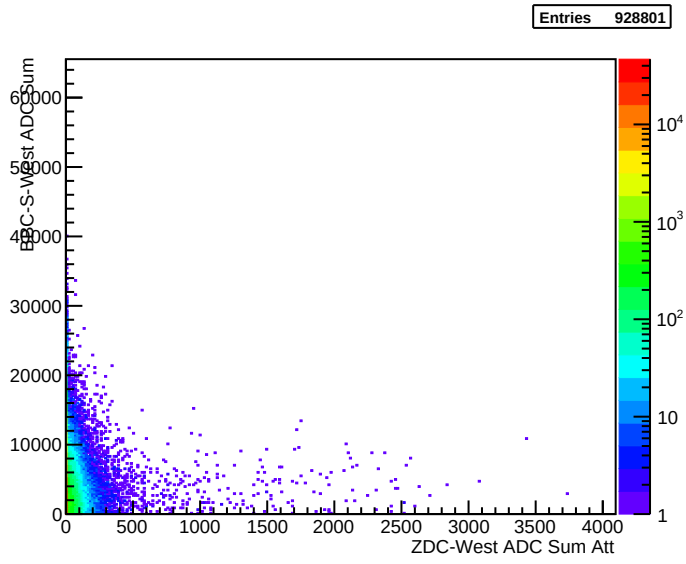

Entries 928801
TOF Mult
VPD-East ADC Sum

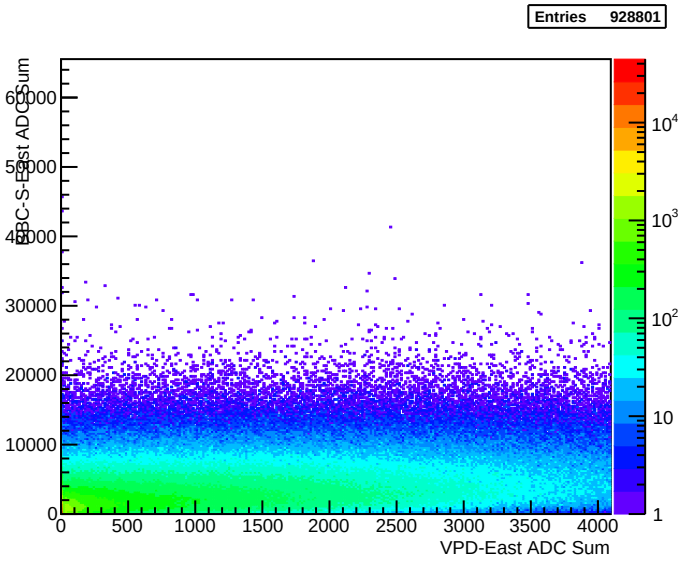

Entries 928801
TOF Mult
VPD-West ADC Sum

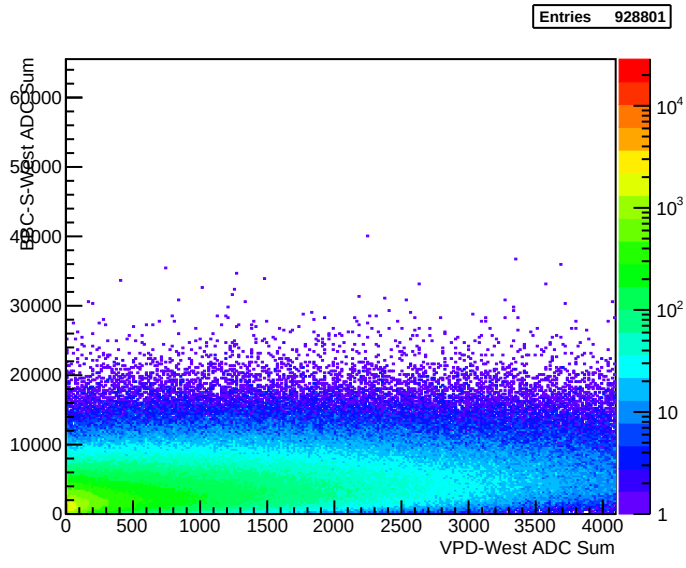

Entries 928801
TOF Mult
ZDC-East ADC Sum Att

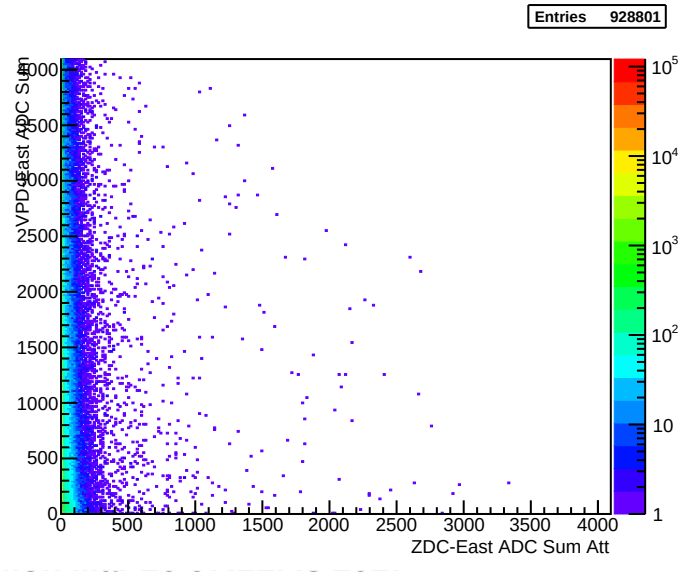

Entries 928801
TOF Mult
ZDC-West ADC Sum Att

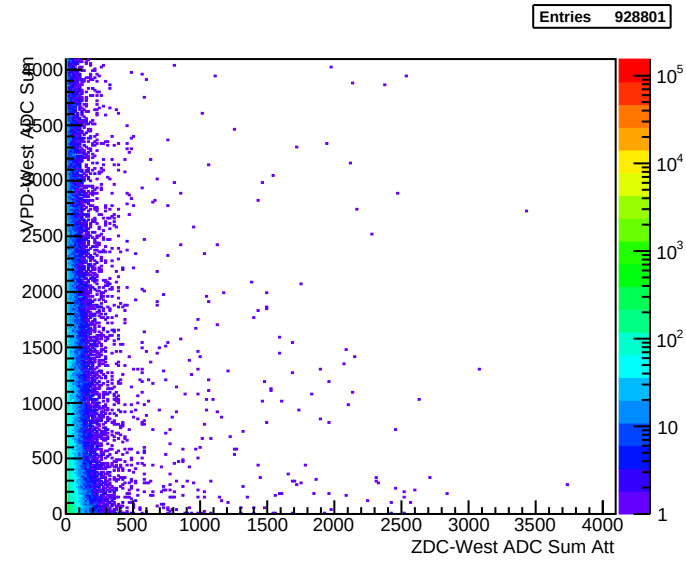

Entries 928801
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

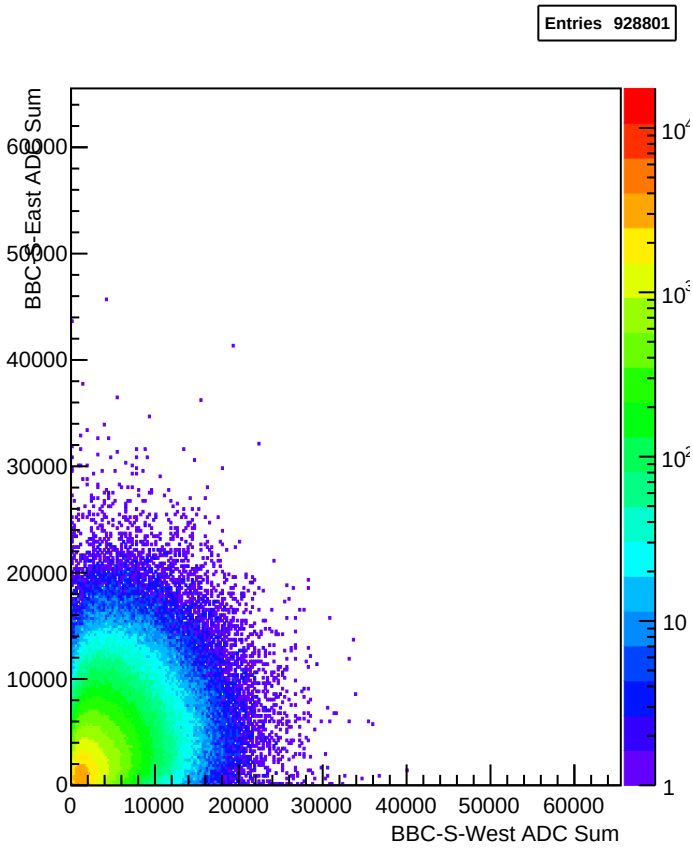

Entries 928801
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

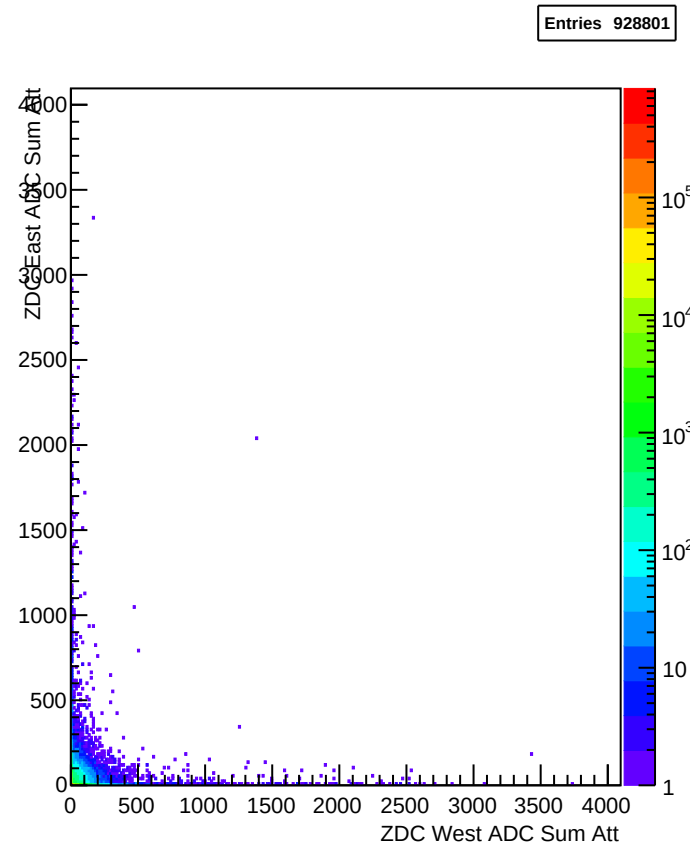

Entries 928801
BBC-S-East ADC Sum
VPD-East ADC Sum

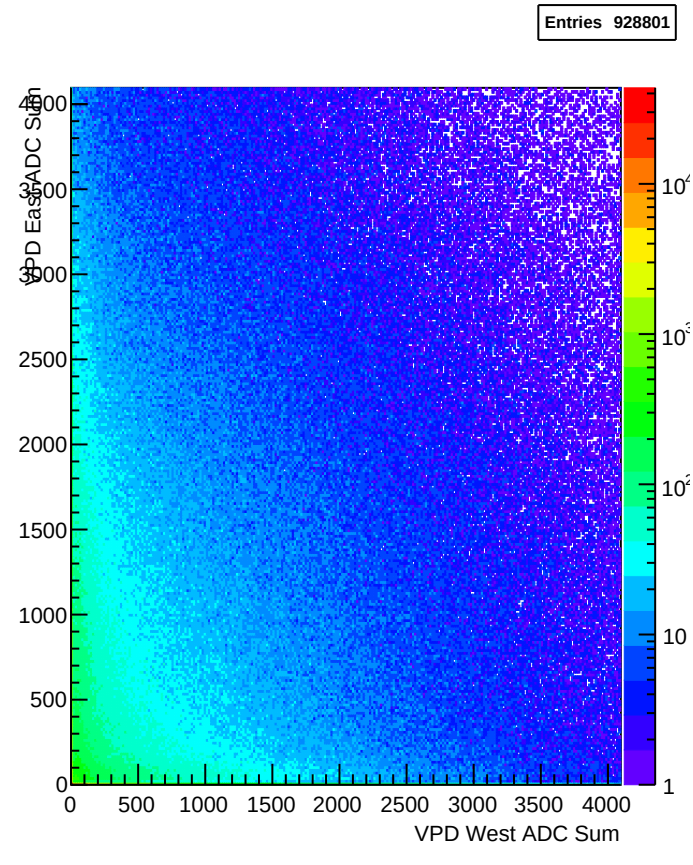

Entries 928801
BBC-S-West ADC Sum
VPD-West ADC Sum

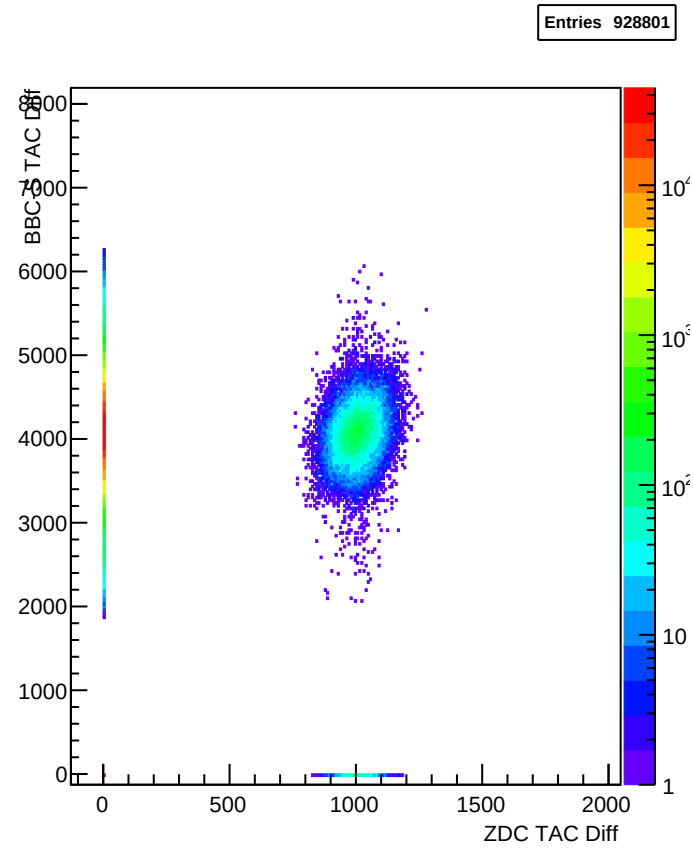

Entries 928801
VPD-East ADC Sum
ZDC-East ADC Sum Att

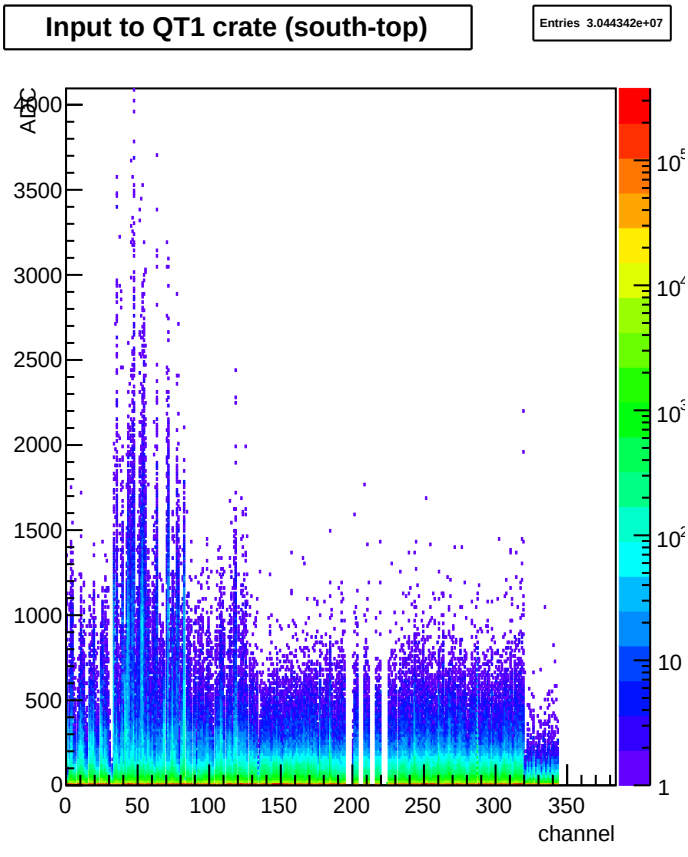

Entries 928801
VPD-West ADC Sum
ZDC-West ADC Sum Att

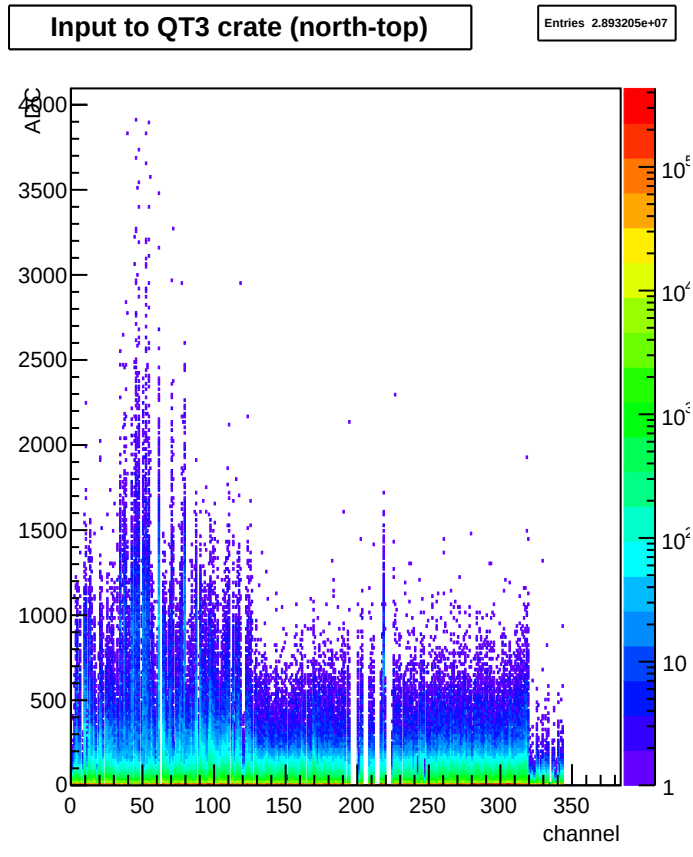

Entries 928801
BBC-S-East ADC Sum
BBC-S-West ADC Sum

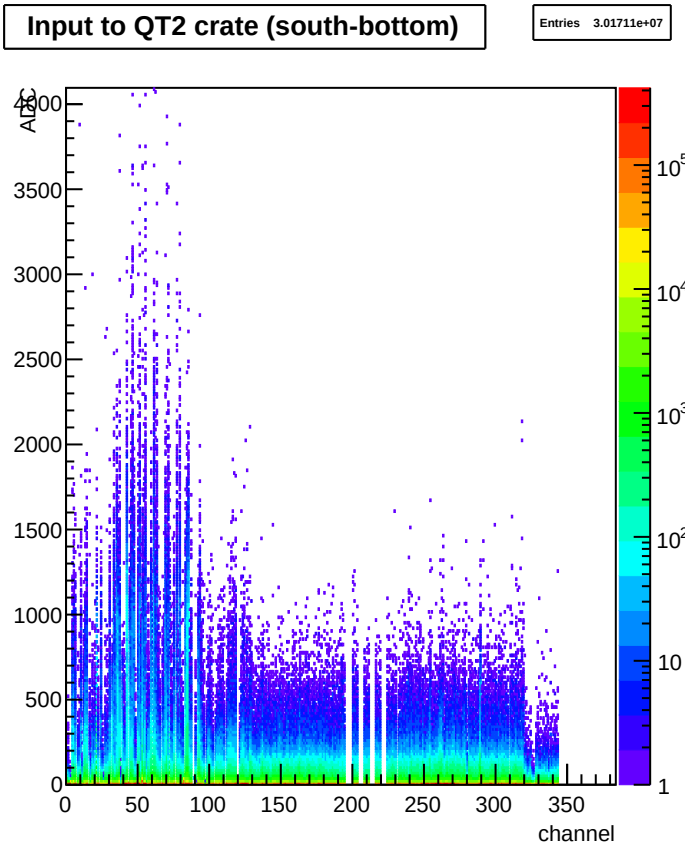

Entries 928801
ZDC East ADC Sum Att
ZDC West ADC Sum Att

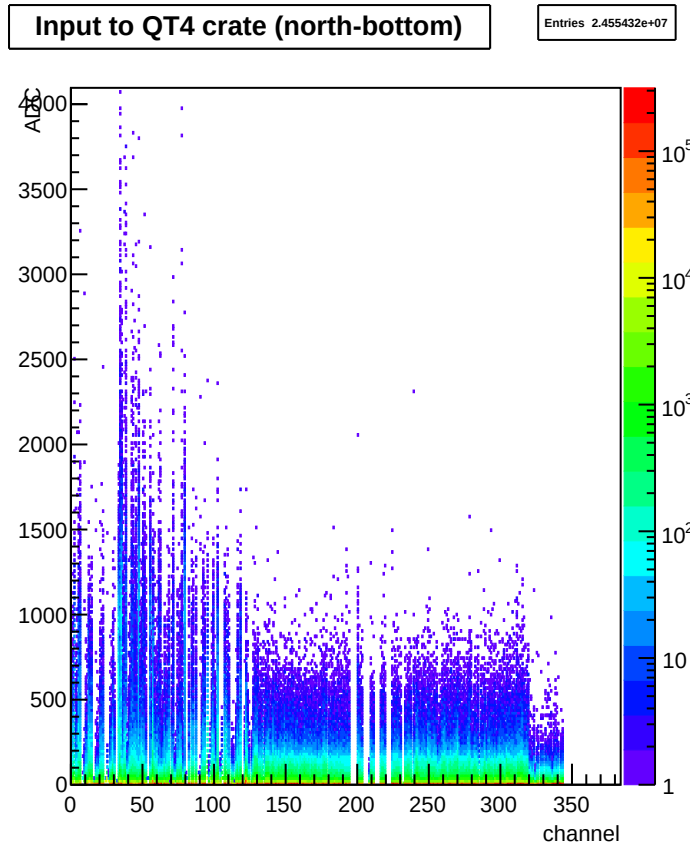

Entries 928801
VPD East ADC Sum
VPD West ADC Sum

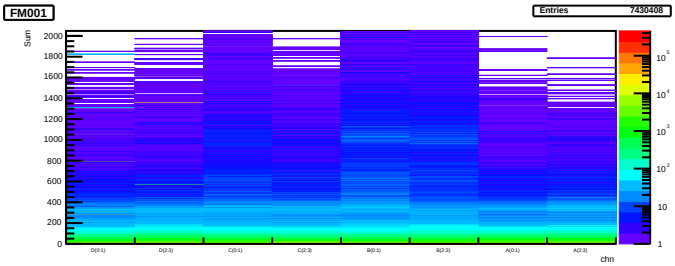

Entries 928801
BBC-S TAC Diff
ZDC TAC Diff

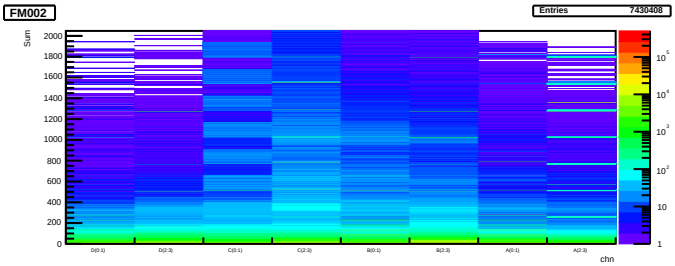

Input to QT1 crate (south-top)
Entries 3.044342e+07
ADC
channel

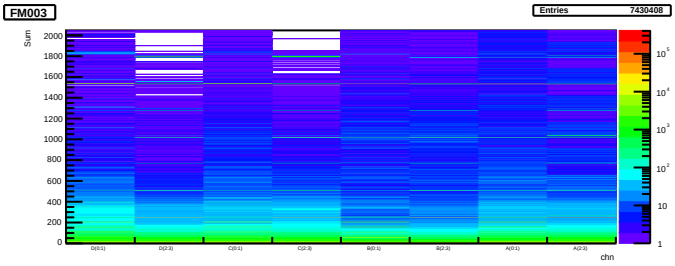

Input to QT3 crate (north-top)
Entries 2.893205e+07
ADC
channel

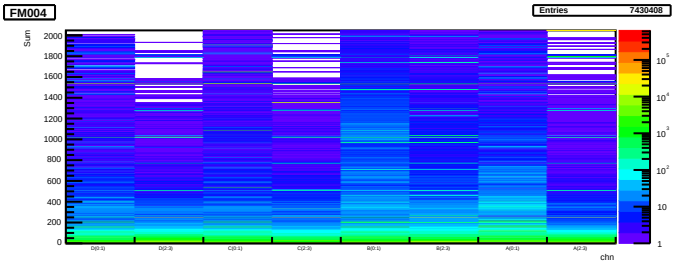

Input to QT2 crate (south-bottom)
Entries 3.01711e+07
ADC
channel

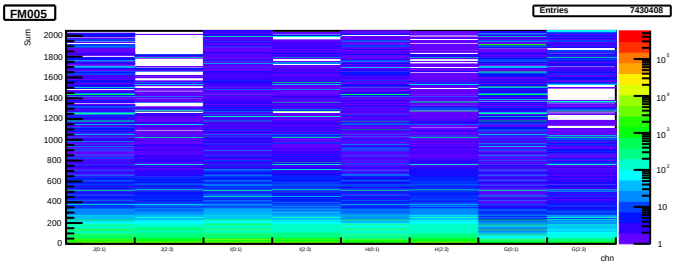

Input to QT4 crate (north-bottom)
Entries 2.455432e+07
ADC
channel

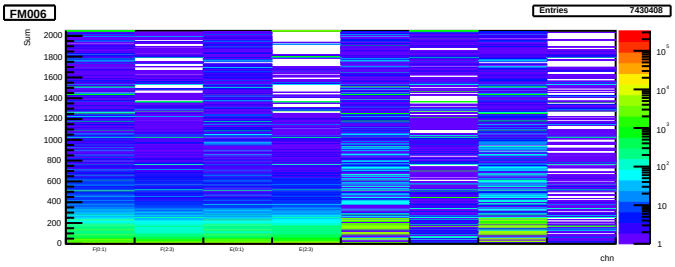

FM001
Entries 7430408
Sum
chn

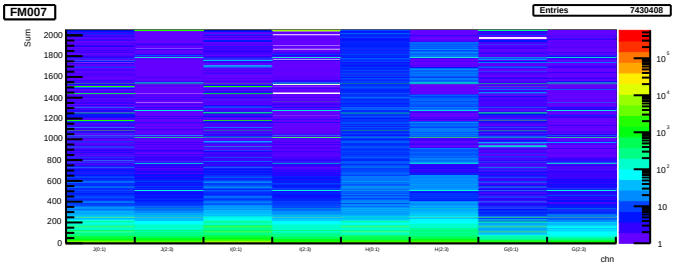

FM002
Entries 7430408
Sum
chn

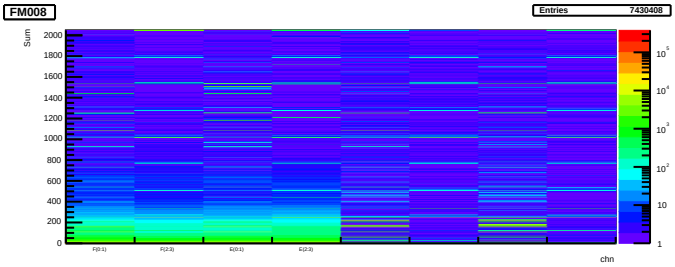

FM003
Entries 7430408
Sum
chn

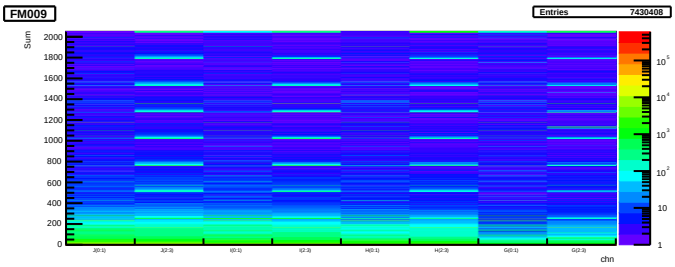

FM004
Entries 7430408
Sum
chn

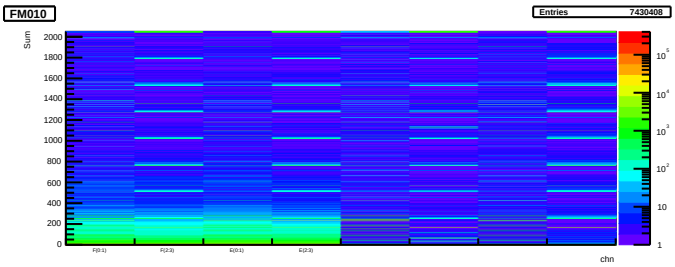

FM005
Entries 7430408
Sum
chn

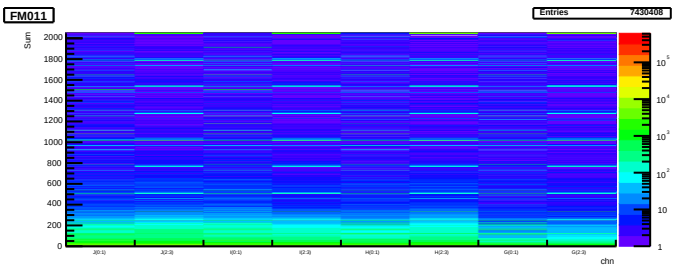

FM006
Entries 7430408
Sum
chn


FM007
Entries 7430408
Sum
chn


FM008
Entries 7430408
Sum
chn


FM009
Entries 7430408
Sum
chn


FM010
Entries 7430408
Sum
chn


FM011
Entries 7430408
Sum
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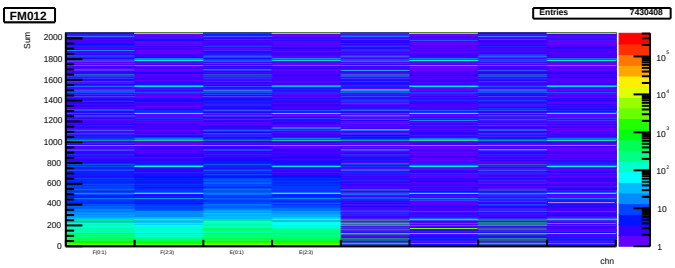
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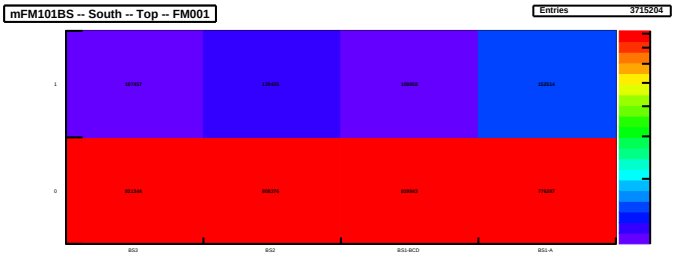
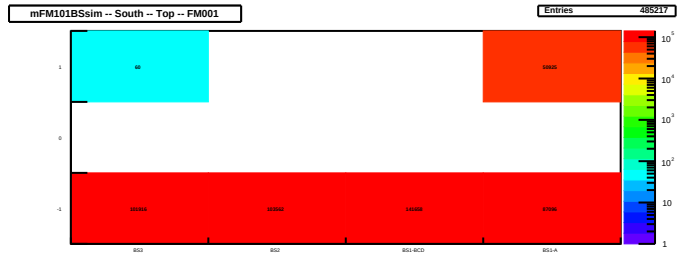

mFM101BS -- South -- Top -- FM001
Entries 3715204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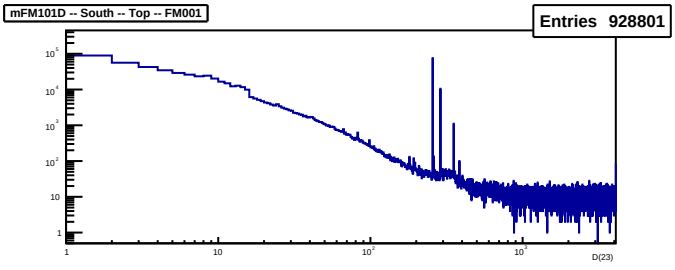
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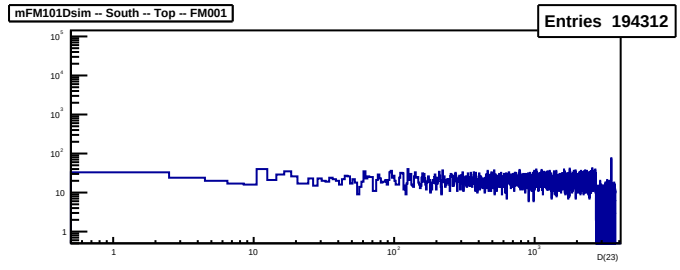
Entries 928801
D(23)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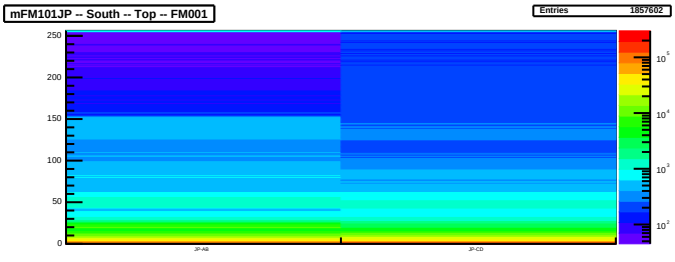
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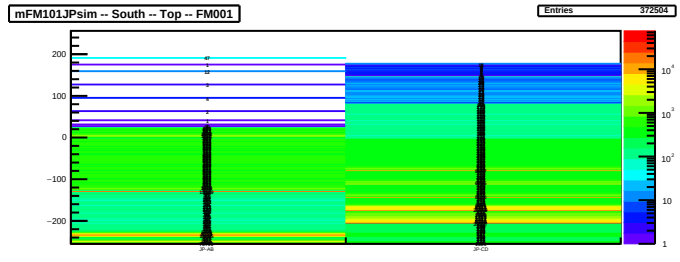
Entries 1857602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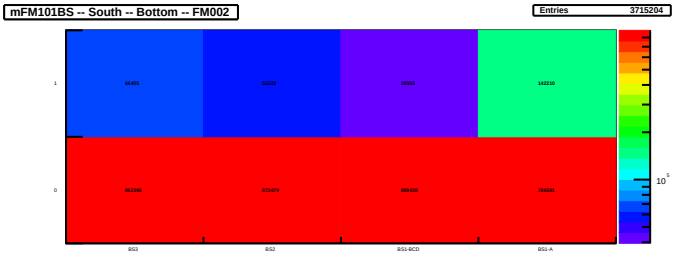
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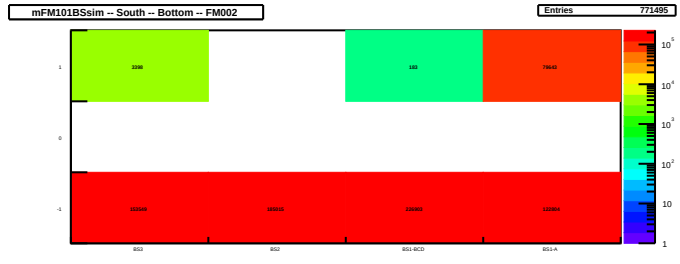
Entries 3715204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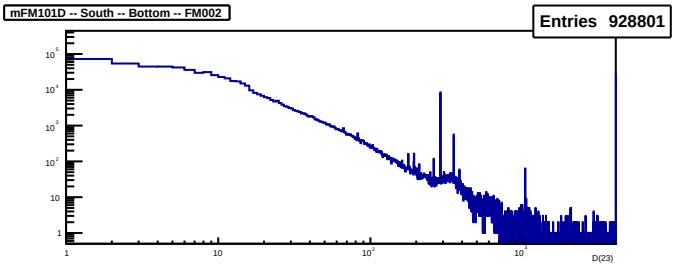
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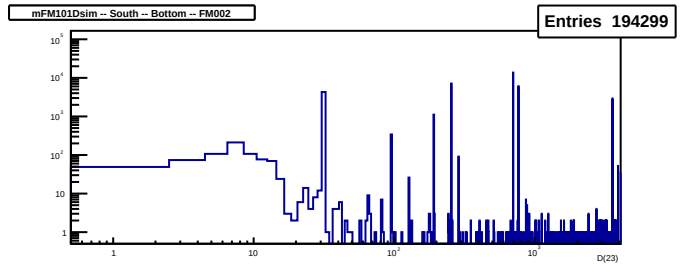
Entries 928801
D(23)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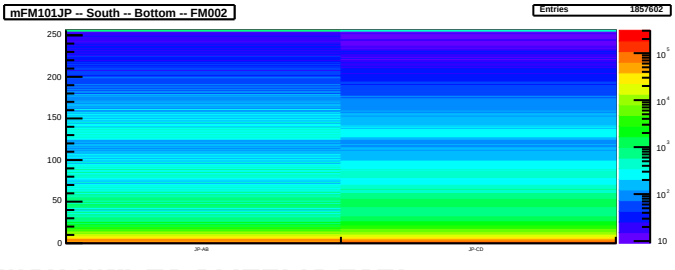
Entries 194299
D(23)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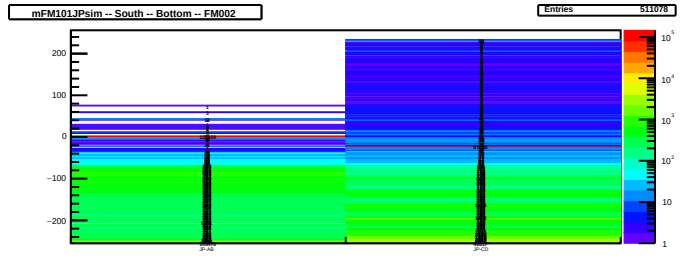
Entries 1857602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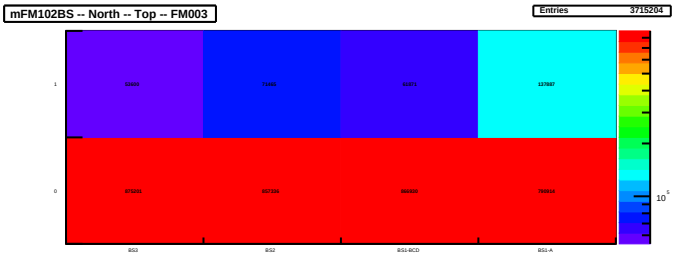
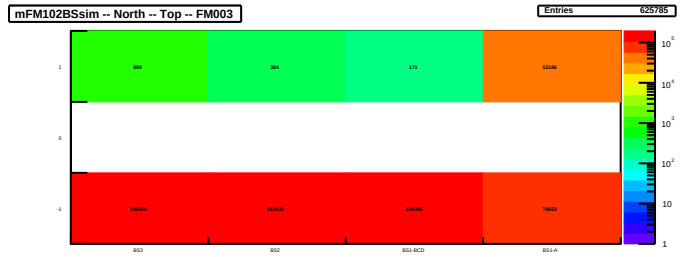

mFM102BS -- North -- Top -- FM003
Entries 3715204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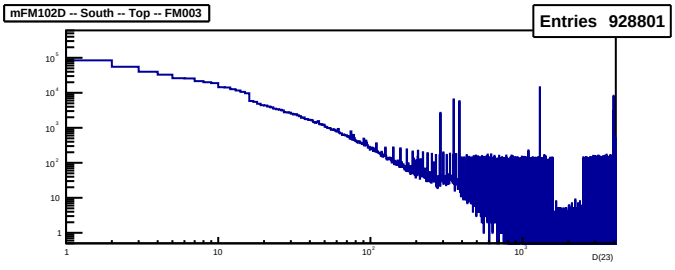
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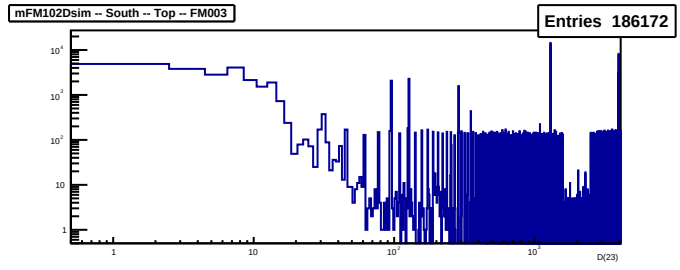
Entries 928801
D(23)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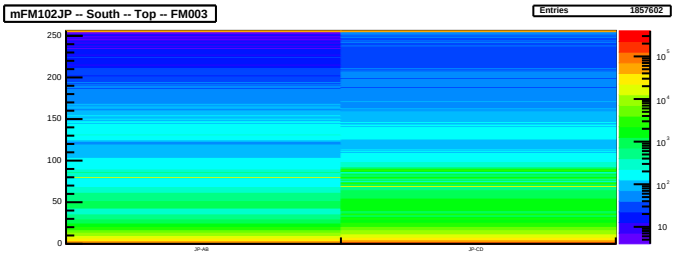
D(23)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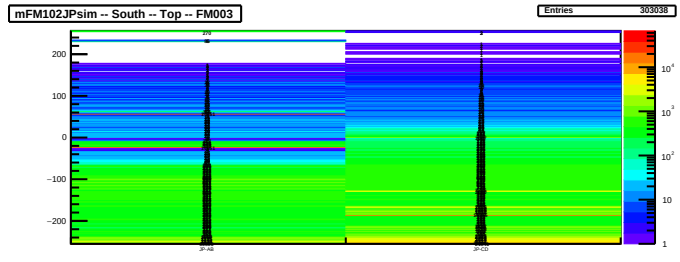
Entries 1857602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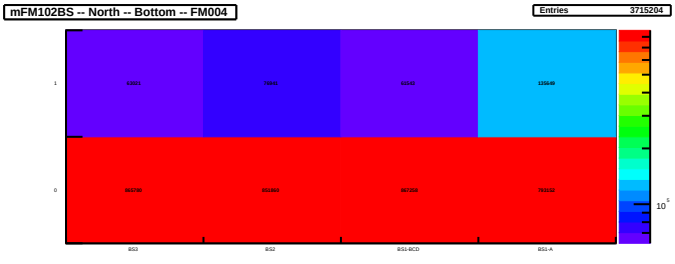
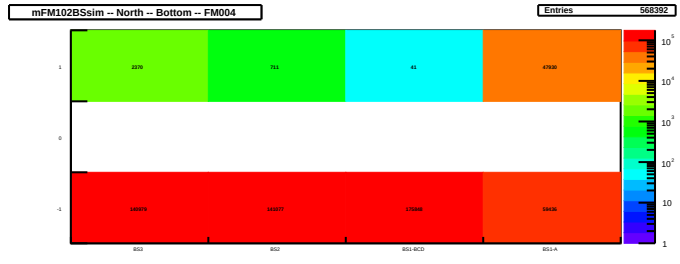

mFM102BS -- North -- Bottom -- FM004
Entries 3715204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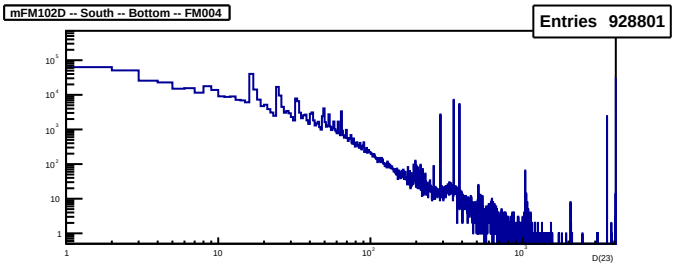
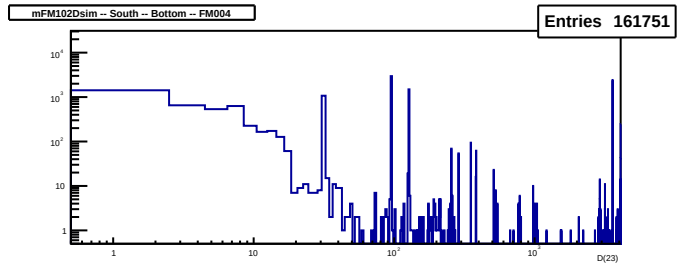

mFM102D -- South -- Bottom -- FM004
Entries 928801
D(23)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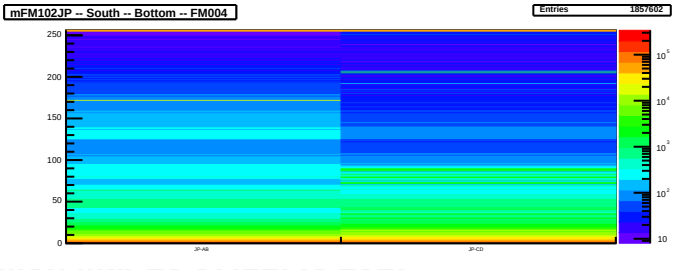
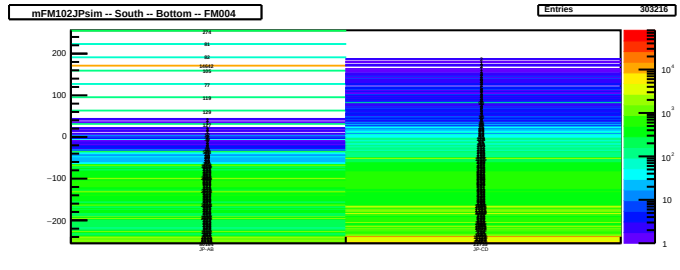
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1857602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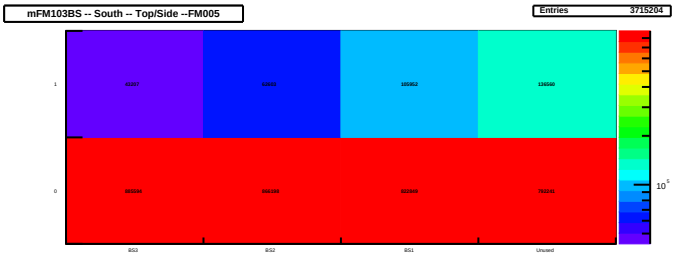
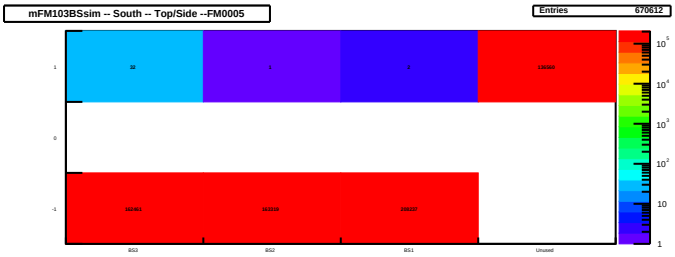

mFM103BS -- South -- Top/Side --FM005
Entries 3715204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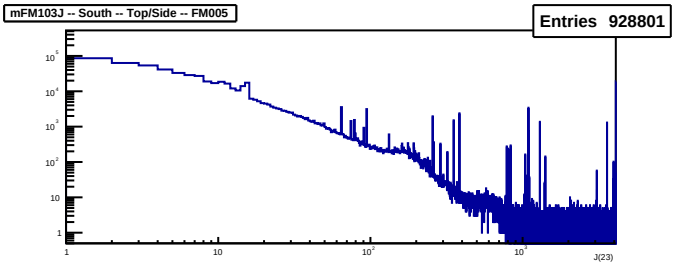
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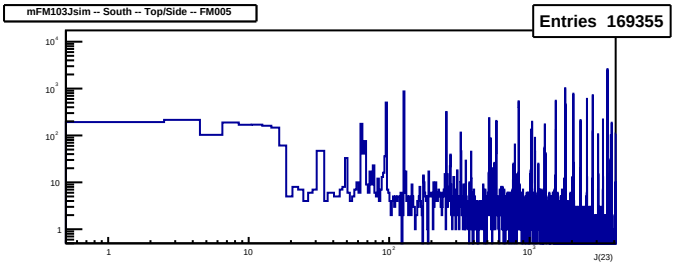
Entries 928801
J(23)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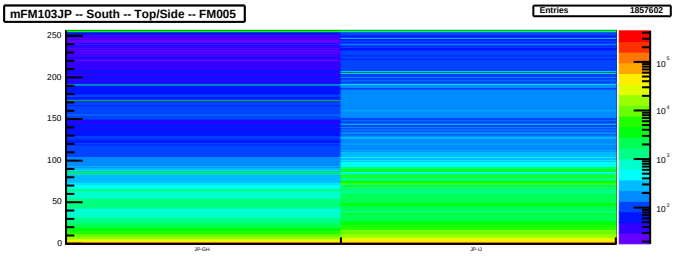
Entries 169355
J(23)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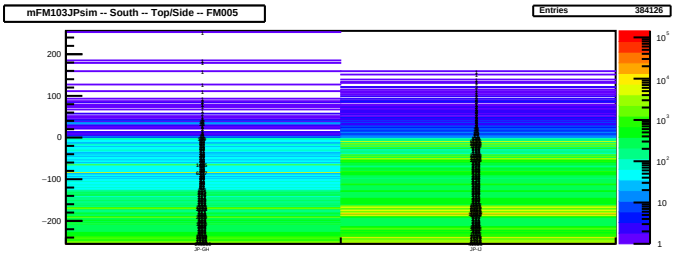
Entries 1857602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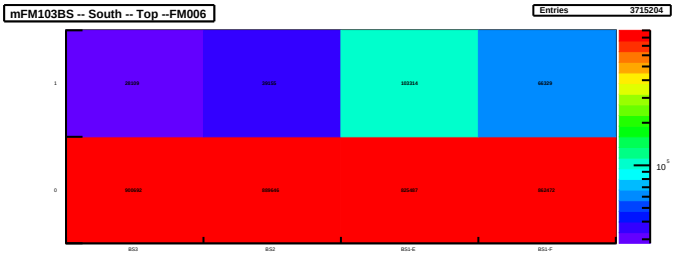
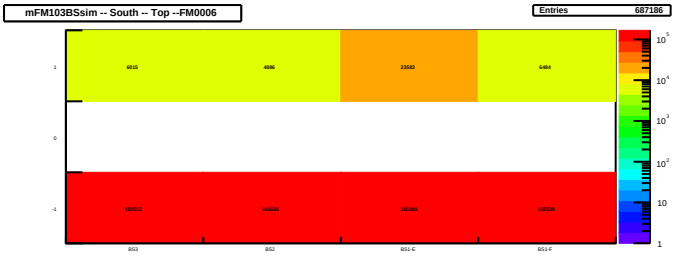
Entries 384126


mFM103BS -- South -- Top --FM006
Entries 3715204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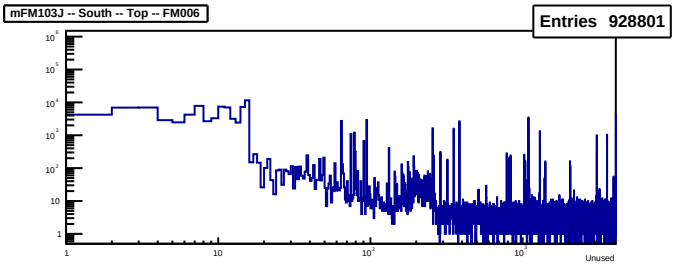
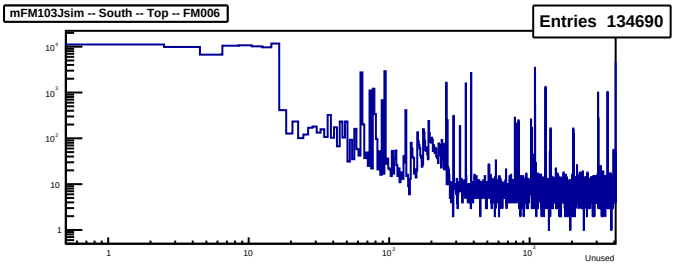
Entries 687186


mFM103J -- South -- Top -- FM006
Entries 928801
Unused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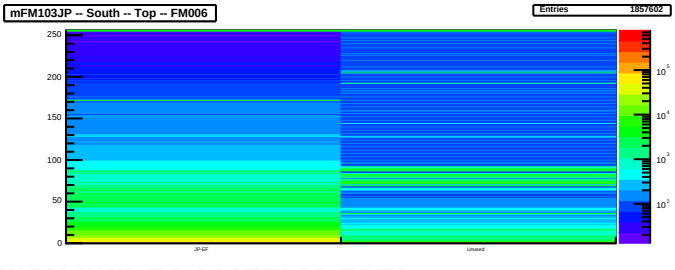
Entries 134690
Unused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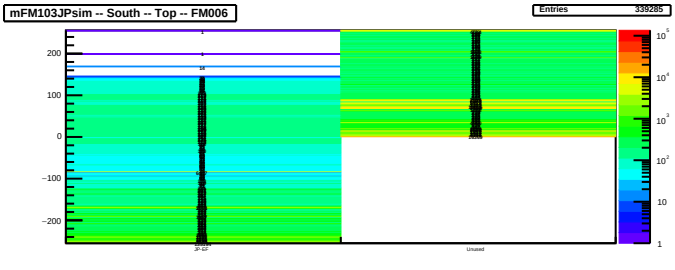
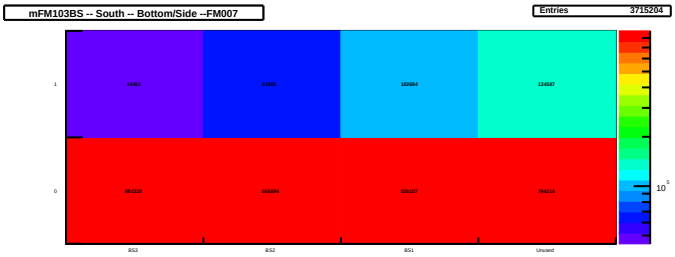
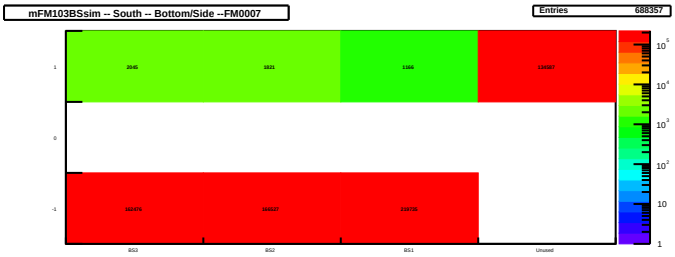
Entries 1857602


mFM103JPsim -- South -- Top -- FM006
Entries 339285


mFM103BS -- South -- Bottom/Side --FM007
Entries 3715204
BS3
BS2
BS1
Unused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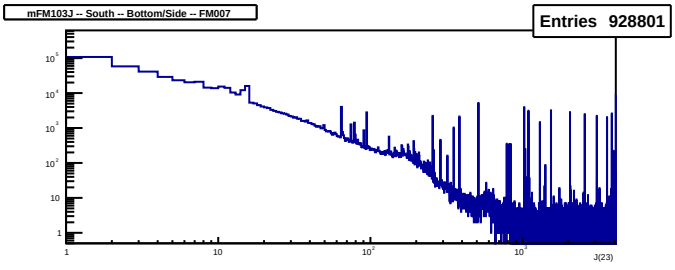
Entries 688357
BS3
BS2
BS1
Unused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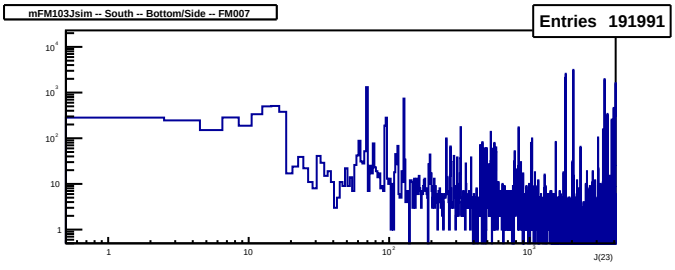
Entries 928801
J(23)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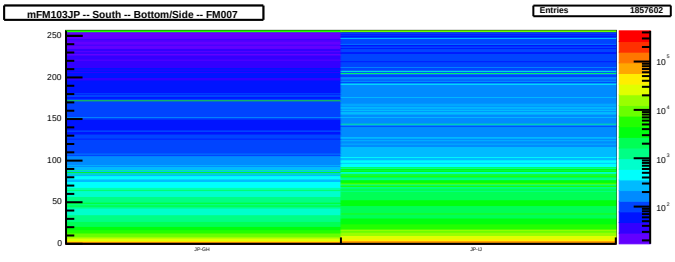
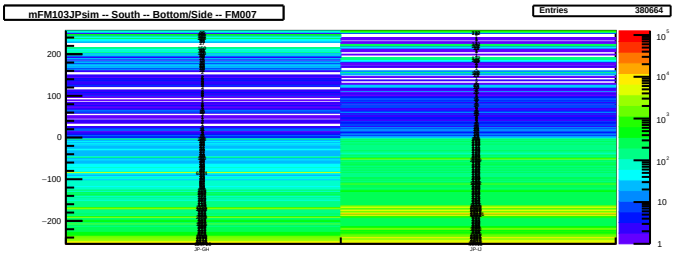
Entries 191991
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1857602
JP-G4
JP-I2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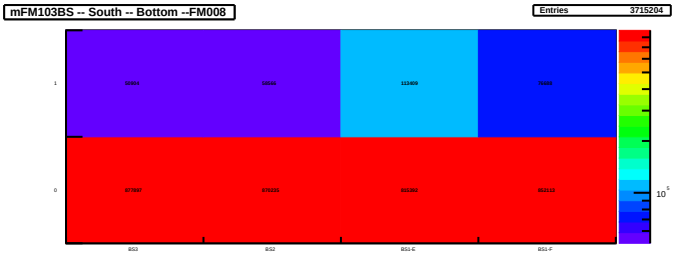
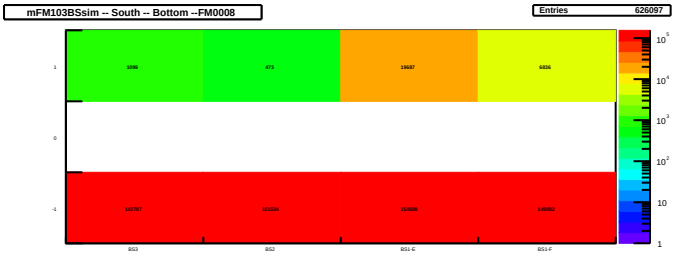
Entries 380664
JP-G4
JP-I2


mFM103BS -- South -- Bottom --FM008
Entries 3715204
BS3
BS2
BS1-E
BS1-F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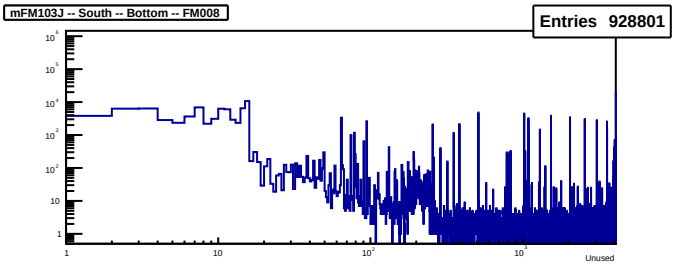
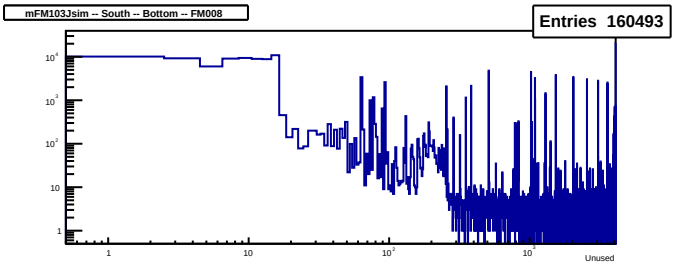
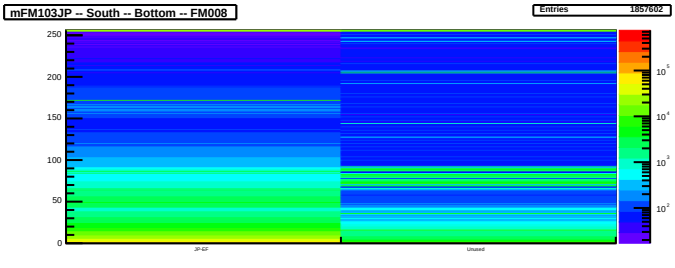
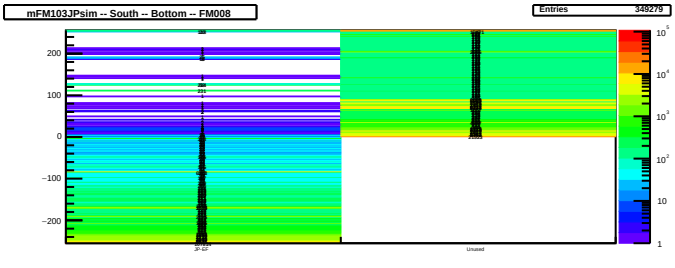
Entries 626097
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 928801
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 160493
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1857602
JP-E2
Unused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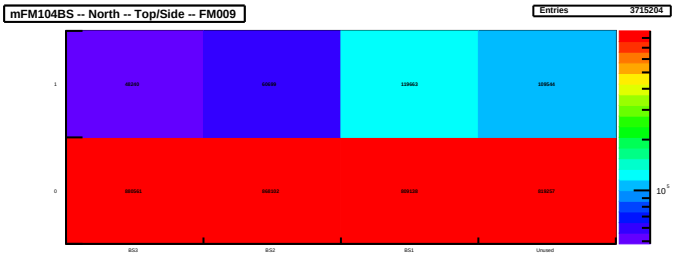
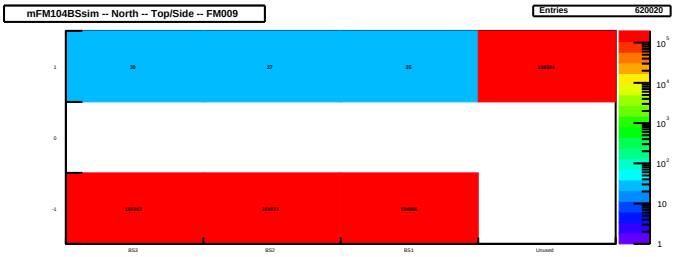
Entries 349279
JP-E2
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 3715204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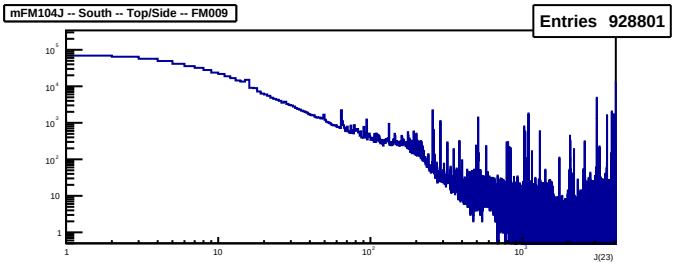
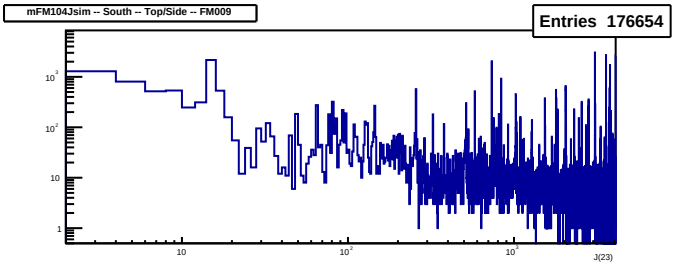
Entries 620020


mFM104J -- South -- Top/Side -- FM009
Entries 928801
J(23)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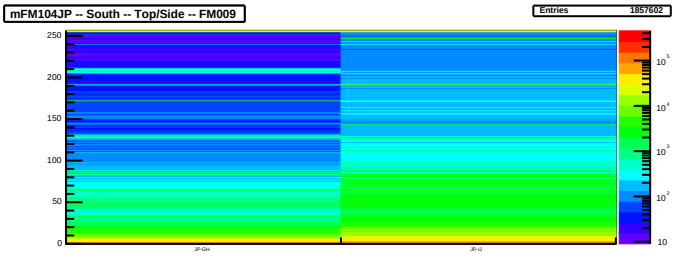
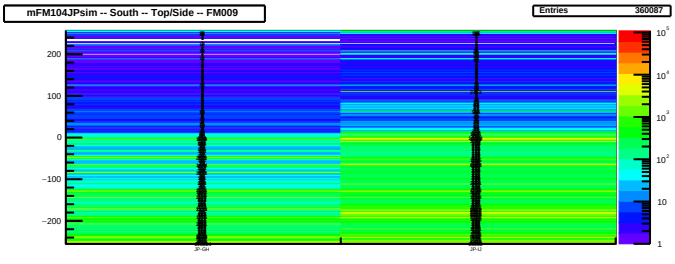
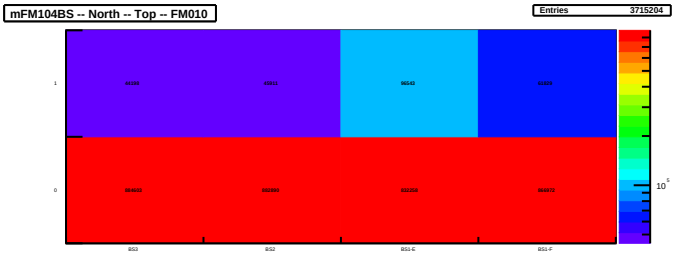
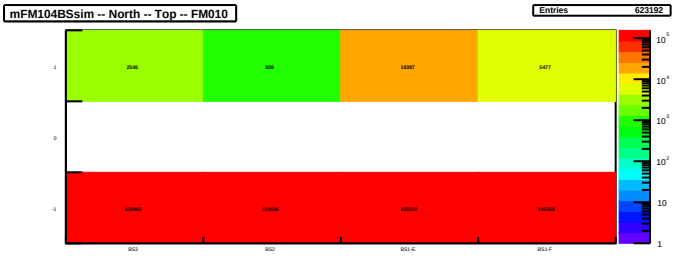
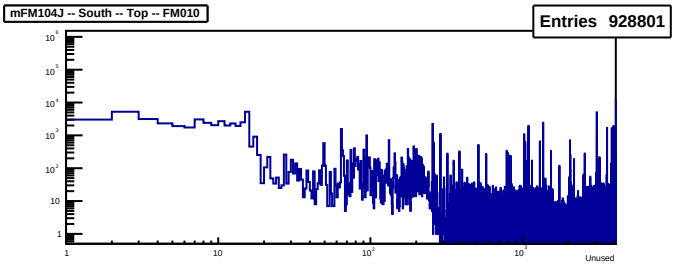
Entries 176654
J(23)

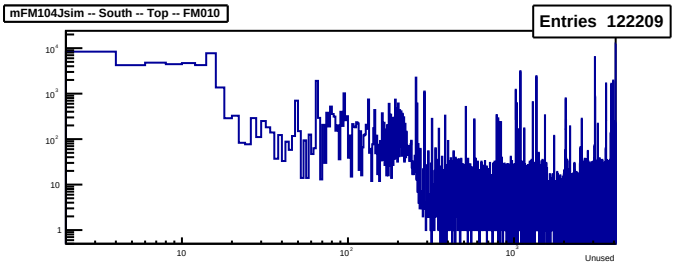

mFM104JP -- South -- Top/Side -- FM009
Entries 1857602

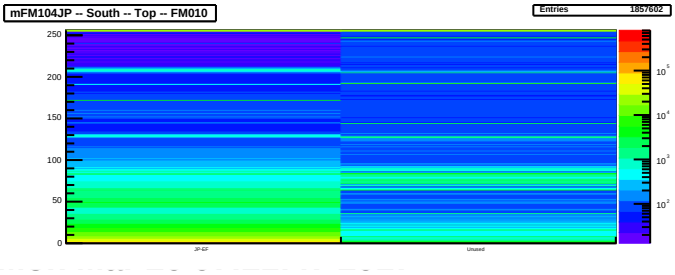

mFM104JPsim -- South -- Top/Side -- FM009
Entries 360087

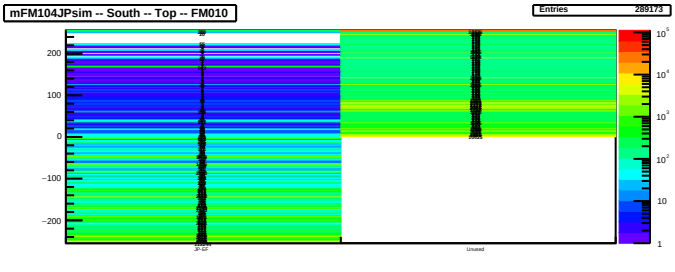

mFM104BS -- North -- Top -- FM010
Entries 3715204

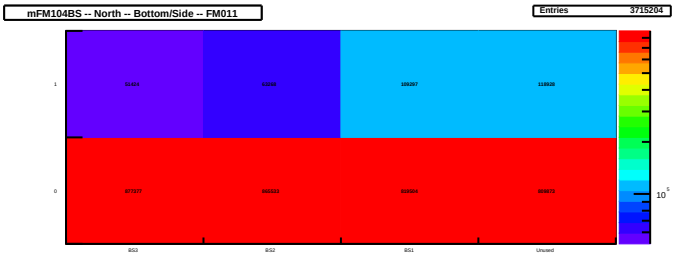

mFM104BSsim -- North -- Top -- FM010
Entries 623192

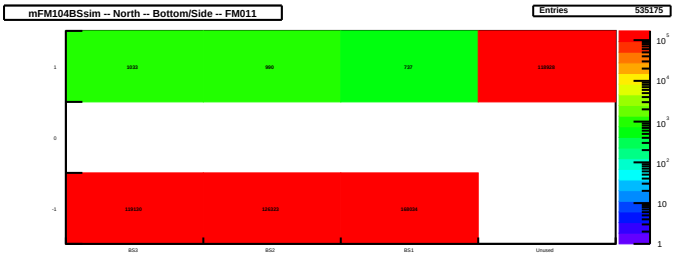

mFM104J -- South -- Top -- FM010
Entries 928801
Unused

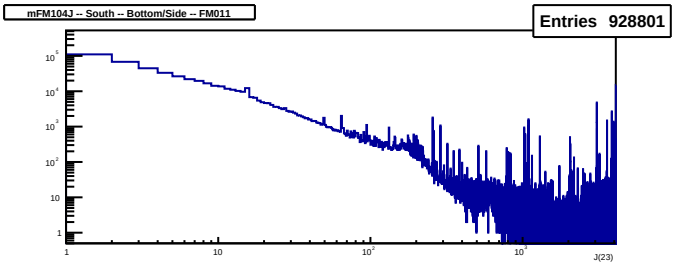

mFM104Jsim -- South -- Top -- FM010
Entries 122209
Unused

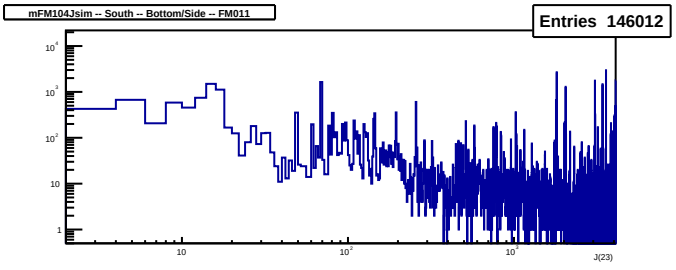

mFM104JP -- South -- Top -- FM010
Entries 1857602

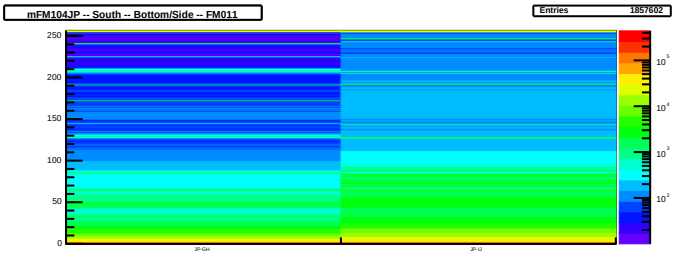

mFM104JPsim -- South -- Top -- FM010
Entries 289173

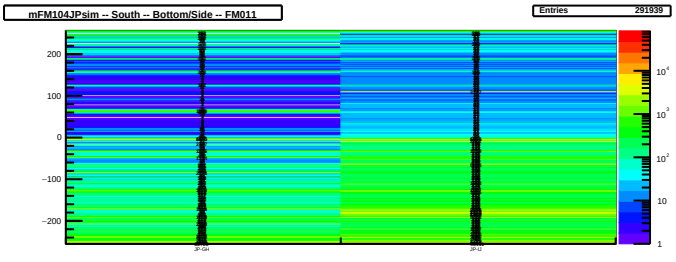

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3715204

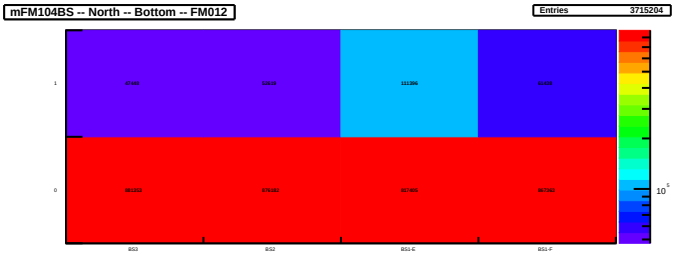

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 535175

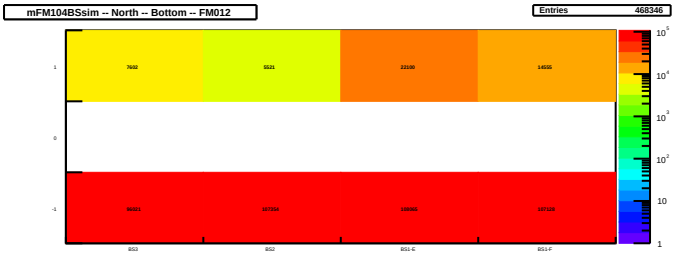

mFM104J -- South -- Bottom/Side -- FM011
Entries 928801
J(23)

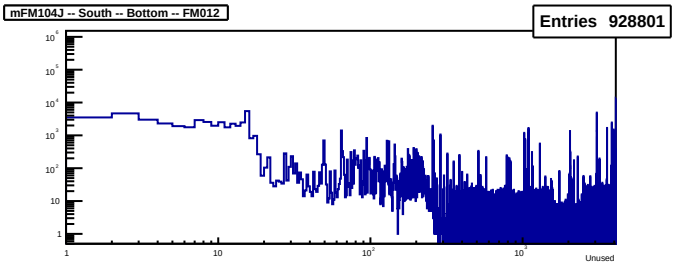

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 146012
J(23)

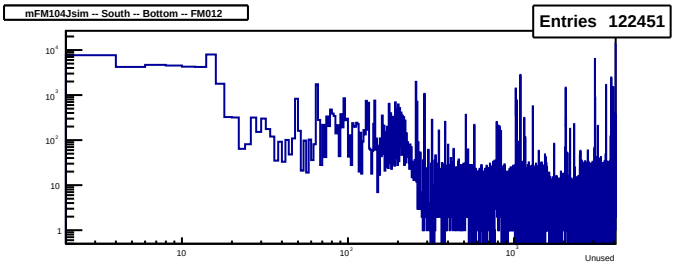

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1857602

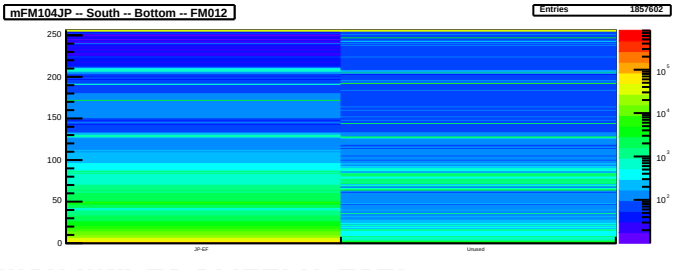

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 291939

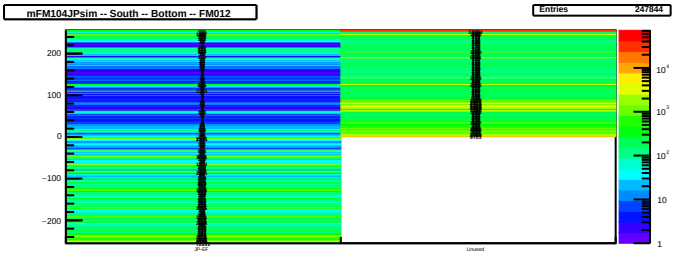

mFM104BS -- North -- Bottom -- FM012
Entries 3715204

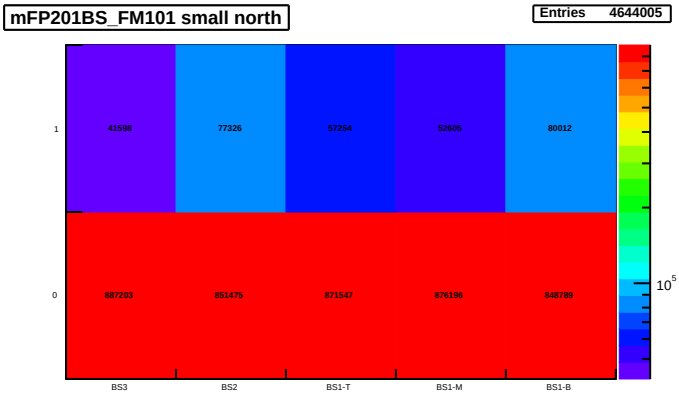

mFM104BSsim -- North -- Bottom -- FM012
Entries 468346

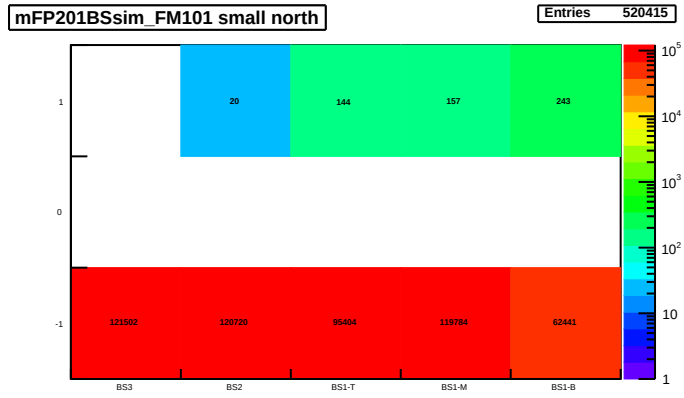

mFM104J -- South -- Bottom -- FM012
Entries 928801
Unused

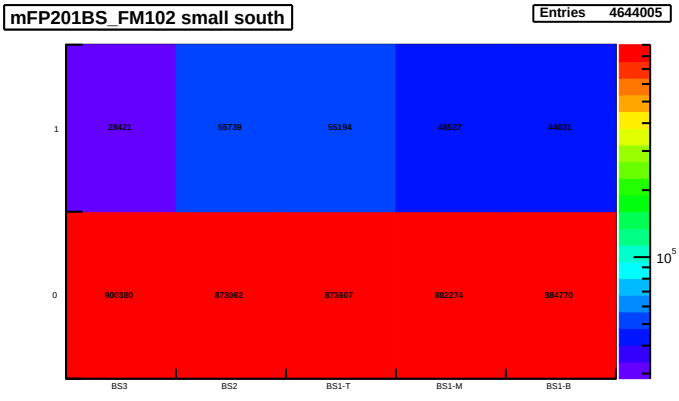

mFM104Jsim -- South -- Bottom -- FM012
Entries 122451
Unused

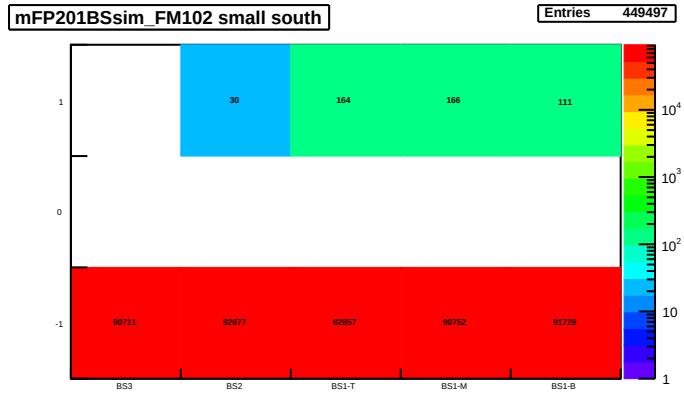

mFM104JP -- South -- Bottom -- FM012
Entries 1857602

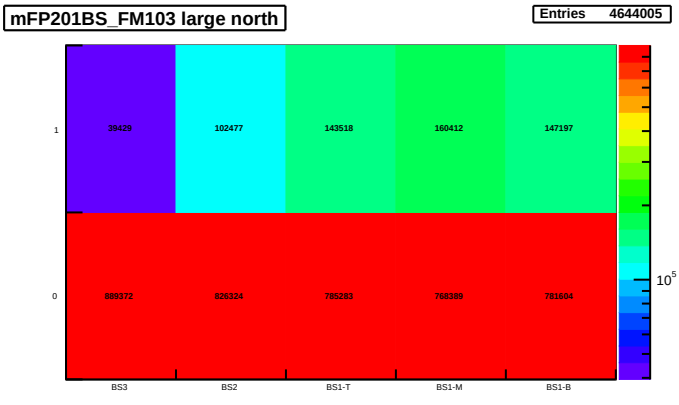

mFM104JPsim -- South -- Bottom -- FM012
Entries 247844

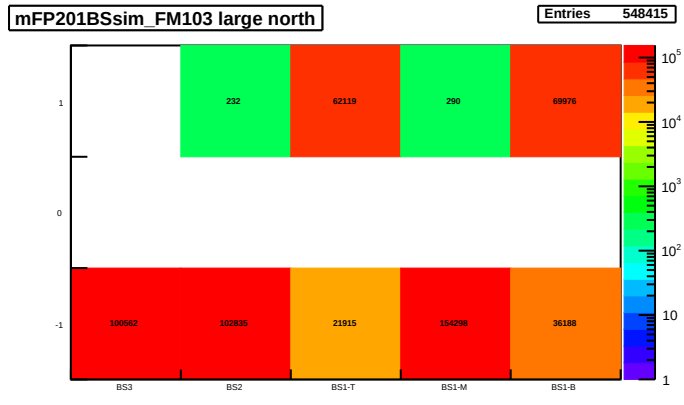

mFP201BS_FM101 small north
Entries 4644005
41598
77326
57254
52605
80012
887203
851475
871547
876196
848789
BS3
BS2
BS1-T
BS1-M
BS1-B

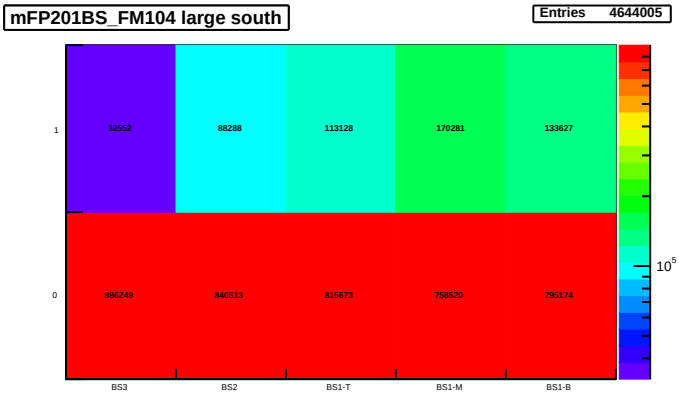

mFP201BSsim_FM101 small north
Entries 520415
20
144
157
243
121502
120720
95404
119784
62441
BS3
BS2
BS1-T
BS1-M
BS1-B

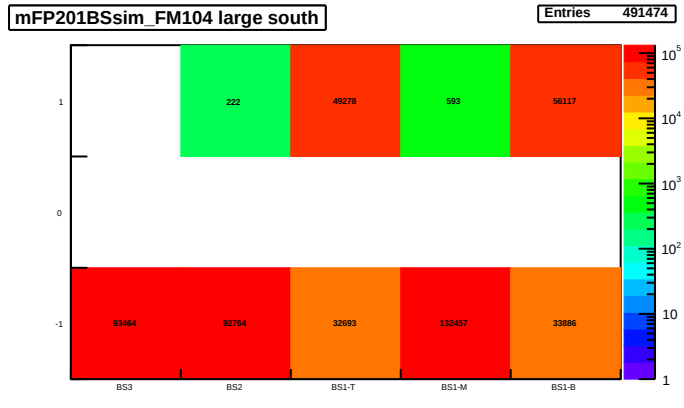

mFP201BS_FM102 small south
Entries 4644005
28421
55739
55194
46527
44031
900380
873062
873607
882274
884770
BS3
BS2
BS1-T
BS1-M
BS1-B

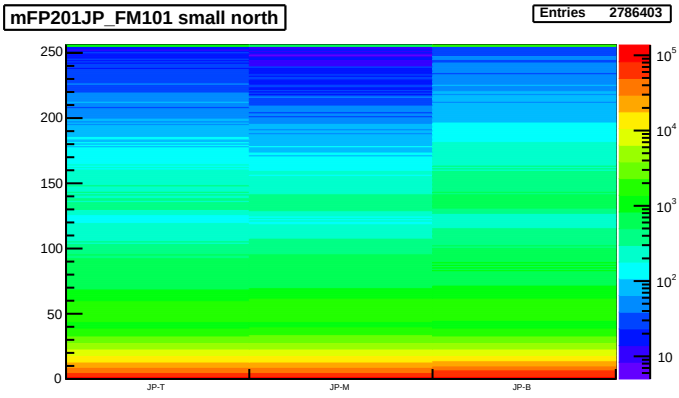

mFP201BSsim_FM102 small south
Entries 449497
30
164
166
111
90711
92977
82857
90752
91729
BS3
BS2
BS1-T
BS1-M
BS1-B

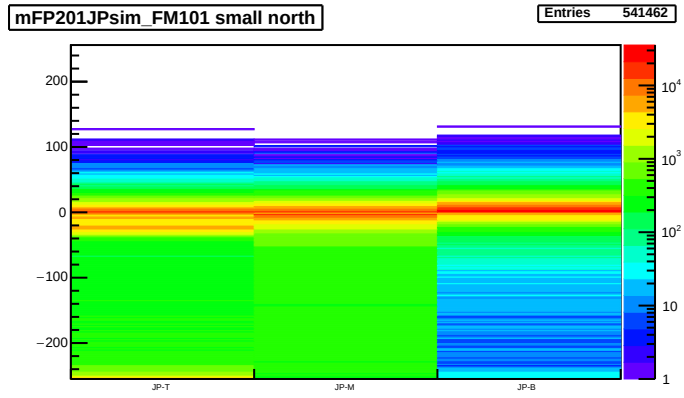

mFP201BS_FM103 large north
Entries 4644005
39429
102477
143518
160412
147197
889372
826324
785283
768389
781604
BS3
BS2
BS1-T
BS1-M
BS1-B

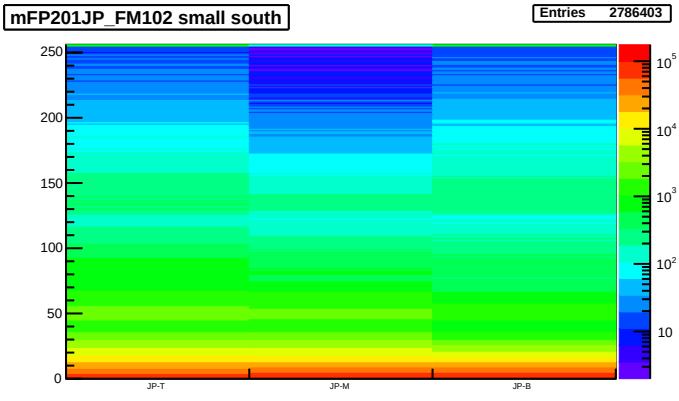

mFP201BSsim_FM103 large north
Entries 548415
232
62119
290
69976
100562
102835
21915
154298
36188
BS3
BS2
BS1-T
BS1-M
BS1-B

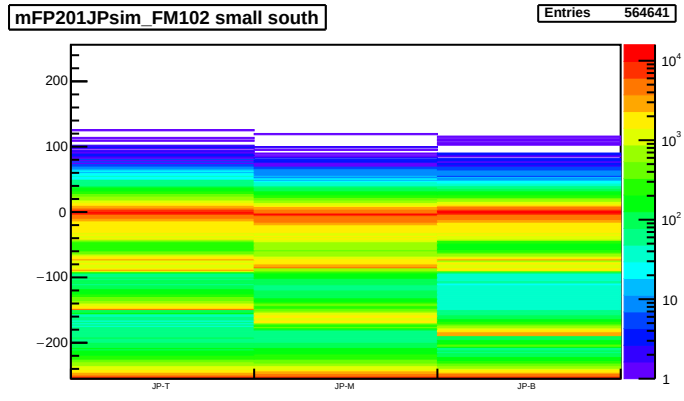

mFP201BS_FM104 large south
Entries 4644005
32552
88288
113128
170281
133627
896249
840513
815673
758520
795174
BS3
BS2
BS1-T
BS1-M
BS1-B

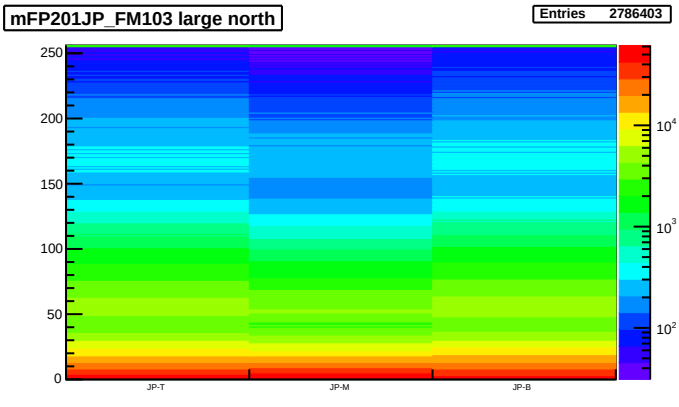

mFP201BSsim_FM104 large south
Entries 491474
222
49278
593
56117
93464
92764
32693
132457
33886
BS3
BS2
BS1-T
BS1-M
BS1-B

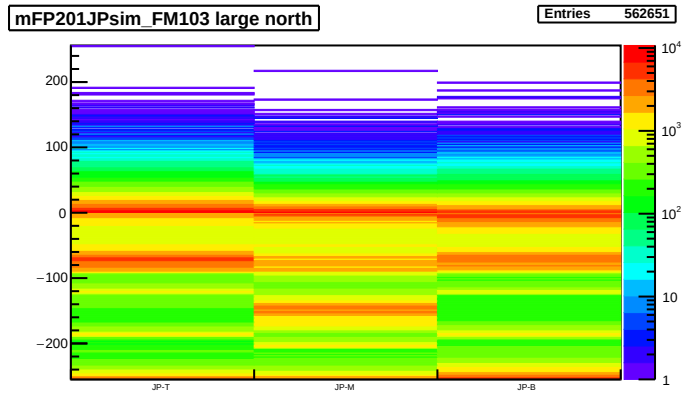

mFP201JP_FM101 small north
Entries 2786403
JP-T
JP-M
JP-B

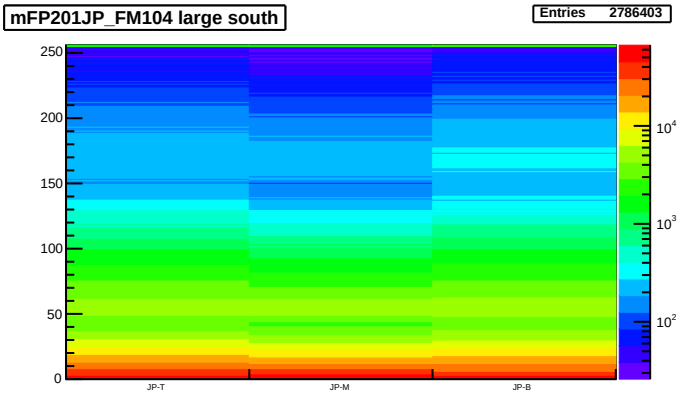

mFP201JPsim_FM101 small north
Entries 541462
JP-T
JP-M
JP-B

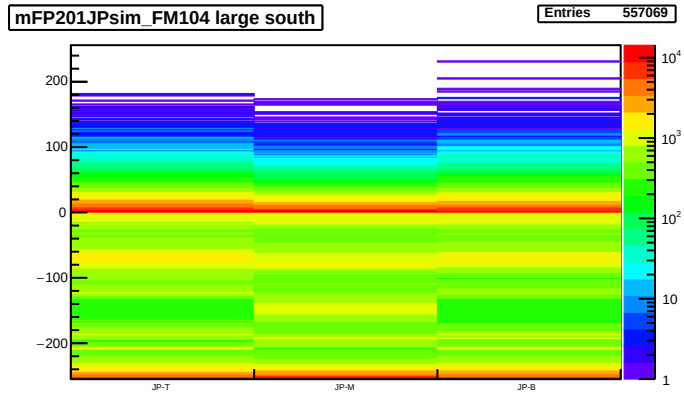

mFP201JP_FM102 small south
Entries 2786403
JP-T
JP-M
JP-B

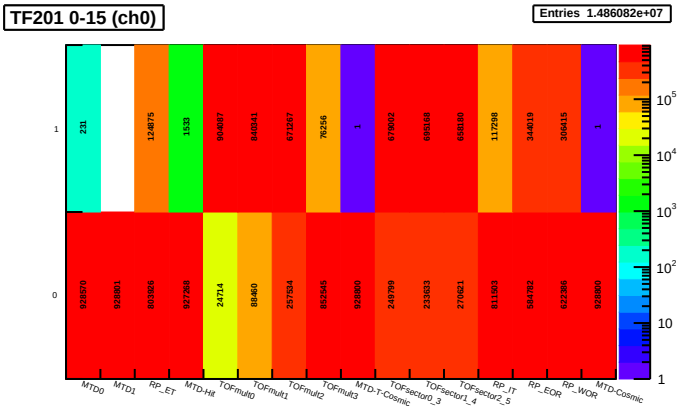

mFP201JPsim_FM102 small south
Entries 564641
JP-T
JP-M
JP-B

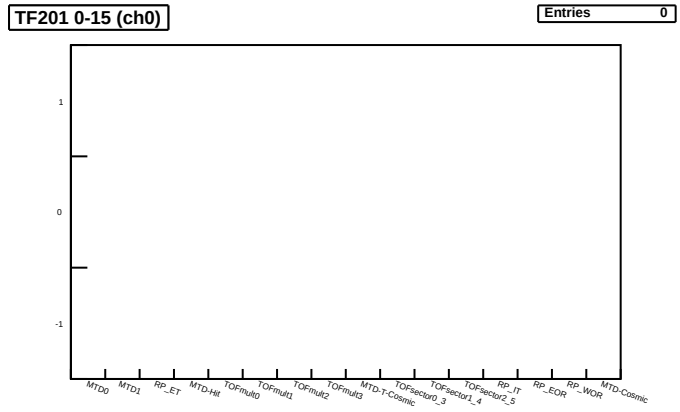

mFP201JP_FM103 large north
Entries 2786403
JP-T
JP-M
JP-B

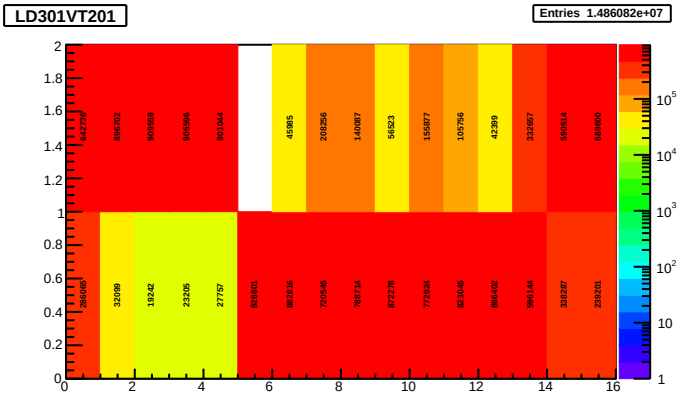

mFP201JPsim_FM103 large north
Entries 562651
JP-T
JP-M
JP-B

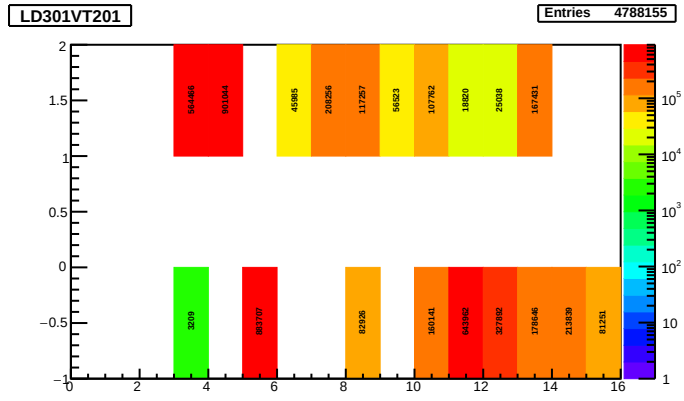

mFP201JP_FM104 large south
Entries 2786403
JP-T
JP-M
JP-B

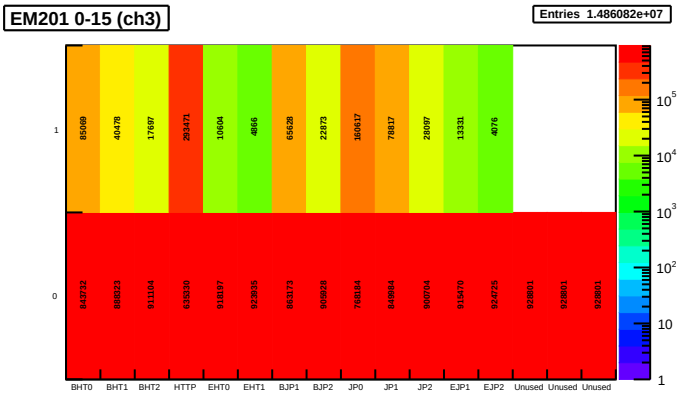

mFP201JPsim_FM104 large south
Entries 557069
JP-T
JP-M
JP-B

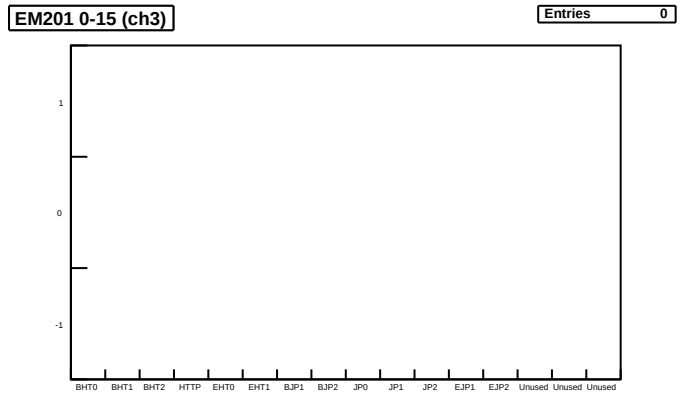

TF201 0-15 (ch0)
Entries 1.486082e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

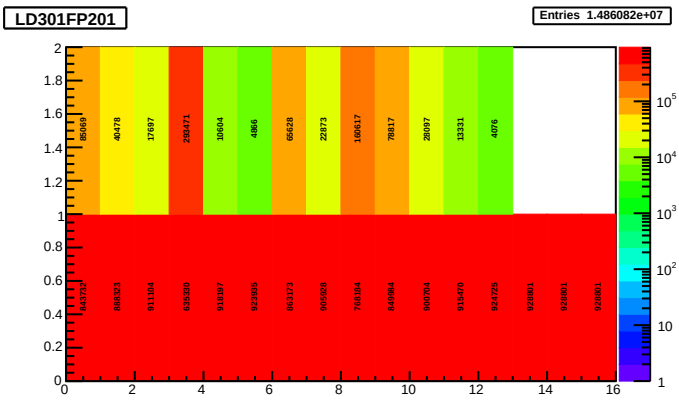

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

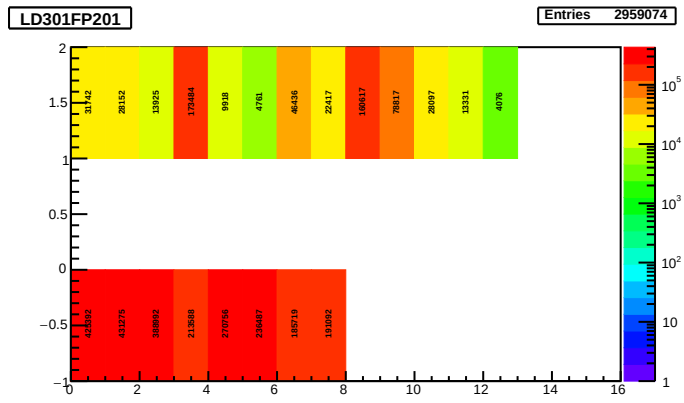

LD301VT201
Entries 1.486082e+07


LD301VT201
Entries 4788155


EM201 0-15 (ch3)
Entries 1.486082e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 1.486082e+07


LD301FP201
Entries 2959074